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Regional Oil and Hazardous Substances Pollution Contingency Plan: Region 5 Inland

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Chicago, IL

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This plan, including the annexes, provides for a pattern of coordinated and integrated response by departments and agencies of the federal government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of federal, state, and local response systems and encourages the development of local government and private capabilities to handle discharges.

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Chicago, Illinois 60604

Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin

MAY 1981

PB81-241655

EPA

Regional Oil and Hazardous Substances Pollution Contingency Plan

Region 5 Inland

MINNESOTA
Rainy River
Red River
LAKE SUPERIOR
MICHIGAN
WISCONSIN
Wisconsin River
MISSISSIPPI RIVER
LAKE MICHIGAN
LAKE HURON
L. ONTARIO
LAKE ERIE
Grand River
ILLINOIS
CHICAGO
Illinois River
INDIANA
Wabash River
OHIO
Miami River
Ohio River

OIL & HAZARDOUS MATERIALS
EMERGENCY RESPONSE TEAM

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NATIONAL TECHNICAL
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SPRINGFIELD, VA 22161

FRONTISPIECE

This Plan, including the annexes, provides for a pattern of coordinated and integrated response by departments and agencies of the federal government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of federal, state, and local response systems and encourages the development of local government and private capabilities to handle such discharges.

The objectives of this Plan are to provide for efficient, coordinated, and effective action to minimize damage from oil and hazardous substance discharges, including containment, dispersal, and removal. The Plan, including the annexes, provides for: 1) assignment of duties and responsibility among federal departments and agencies in coordination with state and local agencies; 2) identification and procurement of equipment and supplies; 3) designation of strike forces to provide necessary services to carry out the Plan; 4) a system of reporting designed to insure the earliest possible notice of discharges of oil and hazardous substances to the appropriate federal agency; 5) a schedule identifying dispersants and other chemicals, if any, that may be used in carrying out the Plan; and 6) a system whereby the state or states affected by a discharge may be reimbursed for reasonable costs incurred in the removal of such discharge.

This Plan is effective for the navigable waters of the United States and adjoining shorelines.

This Regional Oil and Hazardous Substance Pollution Contingency Plan (Region 5 Inland) is intended for use by government agency personnel, particularly those who may be called out to respond as members of the Regional Response Team (RRT) during spill incidents. A few copies may be made available as needed to nongovernment organizations who are involved in spill-related activities.

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:

LETTER OF PROMULGATION

In accordance with the provisions of the Federal Water Pollution Control Act of 1972, as amended by the Clean Water Act of 1977, a National Oil and Hazardous Substances Pollution Contingency Plan was developed by the Council on Environmental Quality. Section 1510.41 of the National Plan states that Regional Contingency Plans shall be prepared for each standard federal region. The Region 5 Inland Oil and Hazardous Substances Pollution Contingency Plan has been developed with the cooperation of all designated federal agencies, and state and local governments. This plan provides a mechanism for coordinating responses to spills of oil and hazardous substances within the fifth standard federal region, composed of Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin.

This revised plan is effective upon receipt and supersedes the previous plan dated April 1978 in its entirety. The superseded plan should be destroyed.

Comments and recommendations regarding this plan are invited and should be addressed to the Chairman, Inland Regional Response Team, U.S. EPA, Region V. This plan will be reviewed semi-annually. Changes, additional information, or corrections will be promulgated as necessary and will be consecutively numbered.

Acting Regional Administrator

AMENDMENTS

CHANGE NUMBER	DATE	SECTION	SUBJECT

REGIONAL OIL AND HAZARDOUS SUBSTANCES
POLLUTION CONTINGENCY PLAN
REGION FIVE (INLAND)

This Regional Contingency Plan of Region Five (Inland) has been prepared within the framework of the National Oil and Hazardous Substances Pollution Contingency Plan. Agencies involved in this plan are:

FEDERAL GOVERNMENT

Participating Agencies

- Department of Agriculture
- Environmental Protection Agency
- Department of Transportation (U.S. Coast Guard)
- Department of Defense (Corps of Engineers)
- Department of Interior
- Department of Commerce
- Department of Labor (OSHA)
- Department of Energy
- Department of Health and Human Services
- Department of Justice
- Department of State
- Federal Emergency Management Agency

STATE GOVERNMENTS

Illinois Environmental Protection Agency
Indiana Stream Pollution Control Board
Michigan Department of Natural Resources
Minnesota Pollution Control Agency
Ohio Environmental Protection Agency
Wisconsin Department of Natural Resources

LOCAL GOVERNMENTS

Contacts and Plans are under development.

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REGIONAL OIL AND HAZARDOUS SUBSTANCES
POLLUTION CONTINGENCY PLAN

100 INTRODUCTION

101 Authority

101.1 This Regional Oil and Hazardous Substances Pollution Contingency Plan has been developed in compliance with the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, *et seq.*). Operation of the National Contingency Plan requires a nationwide network of regional contingency plans for the removal of spilled oil and hazardous substances. These regional plans shall be revised and amended as needed. This EPA Region 5 document is directed toward fulfilling the responsibilities outlined under the law.

102 Purpose and Objectives

102.1 This Plan (including the annexes) provides for a pattern of coordinated and integrated response by departments and agencies of the federal government to protect the environment from the damaging effects of pollution discharges. It promotes the coordination and direction of federal, state, and local response systems and encourages the development of local government and private capabilities to handle such discharges.

102.2 The objectives of this Plan are to provide for efficient, coordinated, and effective action to minimize damage from oil and hazardous substance discharges, including containment, dispersal, and removal. The Regional Plan, including the annexes, provides for:

(1) Assignment of duties and responsibilities among federal departments and agencies in coordination with state and local agencies;

(2) Identification, procurement, maintenance, and storage of equipment and supplies;

(3) Designation of a strike force to provide necessary services to carry out the Plan;

(4) A system of surveillance and reporting designed to insure the earliest possible notice of discharges of oil and hazardous substances or imminent threats of such discharges to the appropriate federal and state agencies;

(5) Procedures and techniques to be employed in identifying, containing, dispersing, and removing oil and hazardous substances;

(6) Listing, in cooperation with the states, dispersants and other chemicals, if any, that may be used in carrying out the Plan;

(7) A system whereby the state or states affected by a discharge may be reimbursed for reasonable costs incurred in the removal of such discharge;

(8) Establishment of a regional center to provide coordination and direction of operations in carrying out the Plan;

(9) A procedure for coordinating scientific support for cleanup operations, assessment of damage after a spill, and research efforts; and

(10) A system for referral and appeal of decisions of the Regional Response Teams and On-Scene Coordinators.

103 Scope

103.1 This Plan is effective for all inland United States waters and shorelines in Region 5. Region boundaries are indicated in Annex IV.

103.2 The provisions of the Plan are applicable to all federal agencies. Implementation of the Plan is compatible with and complementary to the joint U.S.-Canadian Contingency Plan including the annexes pertaining to the Great Lakes, international assistance plans and agreements, security regulations, and responsibilities based upon federal statutes and executive orders.

104 Abbreviations

104.1 Department and Agency Title Abbreviations

CEQ - Council on Environmental Quality
COE - U.S. Army Corps of Engineers
DOA - Department of Agriculture
DOC - Department of Commerce
DOD - Department of Defense
DOE - Department of Energy
DOHHS - Department of Health and Human Services
DOI - Department of the Interior
DOJ - Department of Justice
DOL - Department of Labor
DOS - Department of State
DOT - Department of Transportation
EPA - Environmental Protection Agency
FEMA - Federal Emergency Management Agency
HUD - Department of Housing and Urban Development
IRAP - Interagency Radiological Assistance Plan
IRLG - Interagency Regulatory Liaison Group
MARAD - Maritime Administration
NOAA - National Oceanic and Atmospheric Administration
NWS - National Weather Service
OSHA - Occupational Safety and Health Administration

104 Abbreviations (Cont.)

USCG - U.S. Coast Guard
USDA - U.S. Department of Agriculture
USFWS - U.S. Fish and Wildlife Service
USFS - U.S. Forest Service
USGS - U.S. Geological Survey
USN - U.S. Navy
USPHS - U.S. Public Health Service

104.2 Operational Title Abbreviations

ERT - Environmental Response Team
NRC - National Response Center
NRT - National Response Team
OSC - On-Scene Coordinator
PIAT - Public Information Assistance Team
SSC - Scientific Support Coordinator
RRC - Regional Response Center
RRT - Regional Response Team

104.3 Regional Abbreviations

CDO - Central District Office
EDO - Eastern District Office
EDO/MIRU - Eastern District Office/Michigan Response Unit
COTP - Captain of the Port (USCG)

104.4 Miscellaneous Abbreviations

CWA - Clean Water Act of 1977 (Amends FWPCA)
FTS - Federal Telecommunications System
FWPCA - Federal Water Pollution Control Act, 33 USC 1321-U.S. Code Title 33, Part 1321 (Codified version of the FWPCA)
POLREP - Pollution Report in teletype message format

105 Definitions

105.1 Act - the Clean Water Act, as amended, (33 U.S.C. 1251, et seq.).

105.2 Activation - notification by telephone or other expeditious means of the RRT and other appropriate state and local officials or, as required, the assembly of all or selected members of the RRT at a location specified by the Chairman of the RRT.

105.3 Contiguous Zone - the entire zone established by the United States under Article 24 of the Convention on the Territorial Sea and the Contiguous Zone. This is the zone contiguous to the territorial sea which extends 12 miles seaward from the baseline from which the territorial sea is measured.

105.4 Discharge - includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. (For the purposes of this Regional Plan, discharges permitted pursuant to Sections 301, 302, 306, 318, 402, or 404 of the Act or Section 102 of PL 92-532, the Marine Protection, Research and Sanctuaries Act of 1972, are not included.)

105.5 Hazardous Substance - any substance designated in 40 CFR Part 116 pursuant to subsection (b)(2) of Section 311 of the Act (see Annex XIII).

105.6 Major Disaster - any hurricane, tornado, storm, flood, high water, wind-driven water, tidal wave, earthquake, drought, fire, or other catastrophe in any part of the United States which, in the determination of the President, is or threatens to become of sufficient severity and magnitude to warrant disaster assistance by the federal government to supplement the efforts and available resources of state and local governments and relief organizations in alleviating the damage, loss, hardship, or suffering caused thereby.

105.7 Navigable Waters - "waters of the United States, including the territorial seas." This term includes:

(1) All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subjected to the ebb and flow of the tide;

(2) Interstate waters, including interstate wetlands;

(3) All other waters such as intrastate lakes, rivers, streams, (including intermittent streams), mudflats, sandflats, and wetlands, the use, degradation, or destruction of which would or could affect interstate or foreign commerce including any such waters:

- (a) Which are or could be used by interstate or foreign travelers for recreational or other purposes;
- (b) From which fish or shellfish are or could be taken and sold in interstate or foreign commerce;
- (c) Which are or could be used for industrial purposes by industries in interstate commerce;

(4) All impoundments of waters otherwise defined as navigable waters under this paragraph;

(5) Tributaries of waters identified in paragraphs (1)-(4) of this section, including adjacent wetlands; and

(6) Wetlands adjacent to waters identified in paragraphs (1)-(5) of this section ("wetlands" meaning those areas that are inundated or saturated by ground- or surface water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions; wetlands generally include playa lakes, swamps, marshes,

bogs, and similar areas such as sloughs, prairie potholes, wet meadows, prairie river overflows, mudflats, and natural ponds), provided, that waste treatment systems (other than cooling ponds meeting the criteria of this paragraph) are not waters of the United States.

105.8 National Plan - National Oil and Hazardous Substances Pollution Contingency Plan.

105.9 Oil - oil of any kind or in any form, including, but not limited to, (1) petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil [Section 311(a)(1) of the Act] and (2) fats and oils from animal and vegetable sources (Federal Register, Volume 40, page 28849; 40 CFR Part 112, July 9, 1975).

105.10 On-Scene Coordinator (OSC) - the federal official predesignated by the EPA or USCG to coordinate and direct federal discharge removal efforts under regional and local contingency plans at the scene of an oil or hazardous substances discharge.

105.11 Onshore Facility - any facility (including, but not limited to, motor vehicles and rolling stock) of any kind located in, on, or under any land within the United States other than submerged land.

105.12 Participating Agencies - those federal and state departments or agencies comprising the inland RRT and designated to have primary responsibility and resources to promote effective operation of this Plan; they are listed in Annex II.

105.13 Potential Discharge - any accident or other circumstance which threatens to result in the discharge of oil or other hazardous substance. A potential discharge shall be classified as to severity based on the guidelines below.

105.14 Presidential Emergency Determination - a formal presidential decision made at the request of a state governor determining that a situation constitutes an "emergency" in accordance with the provisions of the Disaster Relief Act of 1974 (PL 93-288).

105.15 Public Health or Welfare - consideration of all factors affecting the health and welfare of man, including, but not limited to, human health, the natural environment, fish, shellfish, wildlife, and public and private property, shorelines, and beaches.

105.16 Regional Plan - the Region 5 Inland Oil and Hazardous Substances Pollution Contingency Plan.

105.17 Remove or Removal - the removal of the oil or hazardous substance from the water and shorelines or the taking of such other actions as may be necessary to minimize or mitigate damage to the public health or welfare. For purposes of this Plan, removal refers to Phases III (containment and countermeasures) and IV (cleanup, mitigation, and disposal) response operations as described in §1510.53 and §1510.54 of the National Plan.

105.18 Size Classes of Discharges - The following classifications are provided for the guidance of the OSC and serve as the criteria for response actions as delineated in 1510.63 of the National Plan. They are not meant to imply associated degrees of hazard to the public health or welfare, or a measure of environmental damage. A discharge that poses a substantial threat to the public health or welfare, or results in critical public concern shall be classed as a major discharge notwithstanding the following quantitative measures:

(1) Minor Discharge - a discharge of oil of less than 1000 gallons in the inland waters, or a discharge of a hazardous substance in a quantity less than that defined as reportable by regulation (40 CFR Part 117).

(2) Medium Discharge - a discharge of oil of 1000 gallons to 10,000 gallons in the inland waters, or of a hazardous substance equal to or greater than a reportable quantity as defined by regulations (40 CFR Part 117).

(3) Major Discharge - a discharge of oil of more than 10,000 gallons in the inland waters or a discharge of a hazardous substance that poses a substantial threat to the public health or welfare, or results in critical public concern.

105.19 United States - the States, the District of Columbia, the Commonwealth of Puerto Rico, the Canal Zone, Guam, American Samoa, the Virgin islands, and the Trust Territory of the Pacific Islands.

200 POLICY AND RESPONSIBILITY

201 Federal Policy

201.1 Congress has declared that it is the policy of the United States that there should be no discharge of oil or hazardous substance into or upon the navigable waters of the United States, adjoining shorelines, or into or upon the waters of the contiguous zone, or in connection with activities under the Outer Continental Shelf Lands Act of the Deepwater Port Act of 1974, or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

201.2 Any person in charge of a vessel or an onshore or offshore facility of any kind shall, as soon as he has knowledge of any discharge of oil or hazardous substance from such vessel or facility, immediately notify the National Response Center at the toll-free number (800) 424-8802. If, for some reason, reporting to this number is impractical, spills affecting inland waters of the United States can be reported to EPA Region 5 at (312) 353-2318 or (FTS) 353-2318. [311(b)(5) of the Act; 33 CFR part 153].

201.3 The primary thrust of this Regional Plan is to provide a coordinated federal response capability at the scene of a discharge or potential discharge of oil or hazardous substance that poses a threat to the public health or welfare. Initial actions taken by the federal OSC, predesignated in section 301.2 of this Regional Plan, shall be to determine, in accordance with section 311(c)(1) of the Act, if the person responsible for the discharge of oil or hazardous substance has taken proper action to remove the discharge. The OSC should insure that the person responsible for the discharge is aware of his responsibility and is encouraged to undertake necessary countermeasures. If the person responsible for the discharge does not act promptly, does not take appropriate actions to remove the discharged pollutants, or if the person responsible for the discharge is unknown, or if a potential discharge is considered to exist, further federal response actions shall be instituted in accordance with this Regional Plan. When the person responsible for the discharge is taking proper action, the OSC shall monitor progress and provide advice.

201.4 Removal actions taken pursuant to section 311(c)(1) of the Act are limited, for the purposes of this Plan, to the inland waters of the United States, and adjoining shorelines, existing within standard federal Region 5 boundaries.

201.5 In accordance with section 311(d) of the Act, whenever a disaster in or upon the navigable waters of the United States has created a substantial threat of pollution hazard to the public health or welfare, because of an actual or potential discharge of oil or hazardous substances from a vessel, the United States may: (1) coordinate and direct all efforts to remove or eliminate such threat; and (2) remove and, if necessary, destroy the vessel by whatever means are available without regard to any law governing the employment of personnel or the expenditure of appropriated funds. This authority has been delegated under Executive Order 11735 to the Administrator of EPA and the Secretary of the Department of Transportation (USCG) for waters within their respective OSC boundaries.

201.6 When the Administrator of EPA determines there is a substantial threat to the public health and welfare because of an actual or threatened discharge of oil or hazardous substance affecting inland waters of the United States, he may require, through the Attorney General, such relief as may be necessary to abate the threat.

201.7 The federal agencies having resources which may be useful in a federal response will make such resources available for use in accordance with this Regional Plan. Agencies making resources available shall make such assignment consistent with operational requirements, within the limits of existing statutory authority, and within the spirit of the President's intention to minimize discharges and their effects.

201.8 Environmental pollution control techniques shall be employed in accordance with applicable regulations and guidelines, such as those contained in Annex X of this Regional Plan. The use of chemicals by the OSC shall be in accordance with Annex X of the National Plan and, except during imminent hazard to human health, must have the concurrence of the EPA representative on the RRT; in his absence the concurrence of the Regional Administrator of EPA Region 5 must be obtained.

202 Multinational Responsibility

202.1 As the waters of the Great Lakes system are of mutual interest to the United States and Canada, it was agreed that there was a need to arrange for the development of a coordinated international contingency plan so that both countries may quickly and effectively respond to major accidental spills of oil or other hazardous substances.

202.2 The Joint Canada-United States Marine Pollution Contingency Plan has been developed and is applicable whenever a pollution incident may affect both nations or, although directly affecting one nation, is of such a magnitude as to justify a call on the other for assistance. It is intended to improve the posture and capability of each nation by providing a command structure and an established method of operation.

203 Federal Responsibility

203.1 Each of the participating federal agencies has responsibilities established by statute, Executive Order, or Presidential Directive which may be relevant to federal response to a pollution discharge.

This regional Plan intends to promote the discharge of these responsibilities through the assignment of authority for action to those agencies having the most appropriate capability to act in each specific situation. Legal boundaries of these several agencies relevant to the control of pollution incidents are detailed in Annex IV of the National Plan.

203.2 The Council on Environmental Quality is responsible for preparing, publishing, and revising the National Plan. The CEQ will receive the advice of the NRT on necessary changes to the National Plan and shall insure that any disagreements arising among members of the NRT are settled.

203.3 The Department of Agriculture provides expertise in managing agricultural, forest, and wilderness areas in selecting landfill disposal sites. The Soil Conservation Service can provide to the OSC predictions of the effects of pollutants on soil and their movements over and through soil.

203.4 The Department of Commerce, through NOAA, shall provide scientific expertise on living marine resources for which it is responsible, including endangered species and marine mammals (see §1510.36 (a)(3) of the National Plan); coordinate scientific support, provide current and predicted meteorologic, hydrologic, ice, and oceanoographic conditions for the high seas, and coastal and inland waters; provide charts and maps, including tide and current information, for coastal and territorial waters.

203.5 The Department of Defense, consistent with its operational requirements, may provide assistance in critical pollution incidents and in the maintenance of navigation channels, salvage, and removal of navigation obstructions.

203.6 The Department of Energy administers, implements, and coordinates the Interagency Radiological Assistance Plan (IRAP). DOE will provide advice and assistance to the RRT with respect to the identification of the source and extent of radioactive contamination, and removal and disposal of radioactive discharges.

203.7 The Department of Health and Human Services is responsible for providing expert advice and assistance on discharges or potential discharges that pose a threat to public health and safety.

203.8 The Federal Emergency Management Agency participates in the development and evaluation of regional and local oil and hazardous substance pollution contingency plans in accordance with Executive Order 12148, Section 2-1; monitors responses related to such plans in accordance with Executive Order 12148, Section 2-2; and evaluates state governors' requests for presidential declarations of major disasters or determinations of emergency under PL 93-288 (42 U.S.C. 4401, *et seq.*), the Disaster Relief Act of 1974.

203.9 The Department of the Interior, through the USGS, supplies expertise in the fields of oil drilling, production, handling, and pipeline transportation. The Bureau of Mines may provide analytical facilities which in an emergency could aid in identifying inorganic hazardous substances. Additionally, the Fish and Wildlife Service will provide, through its regional pollution response coordinators, technical expertise to the OSC and RRT with respect to land, fish, and wildlife, including migratory birds, marine mammals, and endangered and threatened plants and animals, and their habitats (see §1510.36 (a)(3) of the National Plan.

203.10 The Department of Justice can supply expert legal advice to deal with complicated judicial questions arising from discharges and federal agency responses.

203.11 The Department of Labor, through the Occupational Safety and Health Administration, will provide the OSC with advice, guidance, and assistance regarding hazards to persons involved in removal or control of oil or chemical spills, and in the precautions necessary to prevent endangerment of their health and safety.

203.12 The Department of Transportation provides expertise regarding transportation of oil and hazardous substances. Through the USCG, DOT supplies expertise in the domestic/international fields of port safety and security, marine law enforcement, navigation, and construction; manning, operation, and safety of vessels and marine facilities. The Coast Guard maintains continuously manned facilities that are capable of command, control, and surveillance for oil discharges occurring on the waters of the United States.

203.13 The Department of State will lead in developing joint international contingency plans. It will also provide assistance in coordination when a pollution discharge crosses international boundaries or involves foreign flag vessels. Additionally, this Department will coordinate requests for assistance from the Government of Mexico and U.S. proposals for conducting research at incidents that occur in Mexican waters.

203.14 The Environmental Protection Agency provides expertise regarding environmental effects of pollution discharges and environmental pollution control techniques. EPA will also advise the Inland RRT and OSC of the degree of hazard a particular discharge poses to the public health and safety, and will coordinate scientific support, including damage assessment, in the inland regions. EPA is responsible for chairing the Inland RRT and for development, revision, and implementation of regional and local plans for those areas in which it has responsibility to furnish the OSC. EPA will coordinate with the USCG in the preparation of regional and local plans for pollution control and protection of the environment.

203.15 All federal agencies are responsible for minimizing the occurrence of discharges and for developing the capability to respond promptly in cases of discharges from facilities they operate or supervise, and for making resources available for federal pollution response operations.

203.16 In addition to paragraph 202.15, participating agencies are responsible for:

(1) Leading all federal agencies in programs to minimize the number of and environmental damage associated with discharges from facilities they operate or supervise;

(2) Providing representation to the RRT and assistance to the OSCs in formulating regional and local plans;

(3) Developing, within their operating elements, the capability in their particular areas of expertise for a rapid response to any pollution discharge in coordination with other federal agencies;

(4) Making information available to the RRT or OSC; and

(5) Keeping the RRT informed, consistent with national security considerations, of changes in the availability of resources that would affect the operation of this Regional Plan.

204 Nonfederal Participation

204.1 Every state governor is asked to assign an office or agency to represent the state on the RRT. The state's representative should participate fully in all facets of RRT activity and shall designate the appropriate element of the state government that would undertake direction of state-supervised discharge removal operations. Participation of officials representing municipalities encompassing major ports and waterways is also invited in RRT activities. State and local government agencies are encouraged to include contingency planning for discharge removal in all emergency and disaster planning activities. Federal local contingency plans should provide for coordination with local government organizations such as county and city or town governments. This is especially important for traffic control, land access, and disposal of pollutants removed in response operations.

204.2 States, industry groups, the academic community, and others are encouraged to commit resources for removal operations. Their specific commitments shall be outlined within federal regional and local contingency plans. Each OSC should explore the possibility of concluding memoranda of understanding to delegate responsibility to concerned states for cleanup of certain spills. Details on reimbursement to states for removal actions taken pursuant to this Plan are contained in Section 1510.65(h) of the National Plan and in 33 CFR Part 153.

204.3 It is particularly important to coordinate the technical information generated by scientists from the federal and state governments, from industry, universities, and elsewhere to assist the OSC in developing cleanup strategies in environmentally sensitive areas; to assist in the performance of post-spill damage assessments; and to assure that pertinent research will be undertaken to meet regional needs. The scientific support aspect of this plan is described in Section 305.

204.4 Federal local contingency plans should establish procedures that will result in organized and worthwhile employment of volunteers. Local plans should provide for the organization and direction of volunteers by the OSC, or other federal, local, or state officials knowledgeable in contingency operations and capable of providing leadership. Local plans should also identify specific areas in which volunteers can be used, such as beach surveillance, logistical support, bird and wildlife treatment, and scientific investigations. Normally, volunteers should not be used for physical removal of pollutants. If a substance is toxic to humans, or if in the judgment of the OSC other dangerous conditions exist, volunteers shall not be permitted at on-scene operations. During contingency plan operations, information on discharge and removal efforts should be provided to volunteers frequently to insure a coordinated effort and a sense of meaningful participation.

300 PLANNING AND RESPONSE ORGANIZATION

301 Emergency Response Activities and Coordination

301.1 For pollution emergency response activities, federal on-scene coordination is accomplished through the (OSC). He reports to and receives advice from an RRT composed of appropriate representatives from the regional and district offices of the participating agencies and state and local governments.

301.2 The predesignated federal OSCs for spills occurring within the boundaries of standard federal Region 5 applicable to this Plan are located at the Regional Response Center, EPA, Chicago, Illinois, and include:

Sylvester Bernotas
Ralph Coons
Joesph Fredle
George Madany
Daniel Papcke
Ross Powers

The predesignated OSC's can be contacted at the Regional Response Center in Chicago by calling (FTS)353-2318.

301.3 National level coordination is accomplished through the NRT, which receives reports from and renders advice to the RRT.

301.4 The organizational concepts of this Plan are shown in Figure 1.

302 National Response Team

302.1 The NRT consists of representatives from the primary and advisory agencies. It serves as the national body for planning and preparedness actions prior to a pollution discharge and for coordination and advice during a pollution emergency. It shall be organized and shall function as outlined in Annex II of the National Plan.

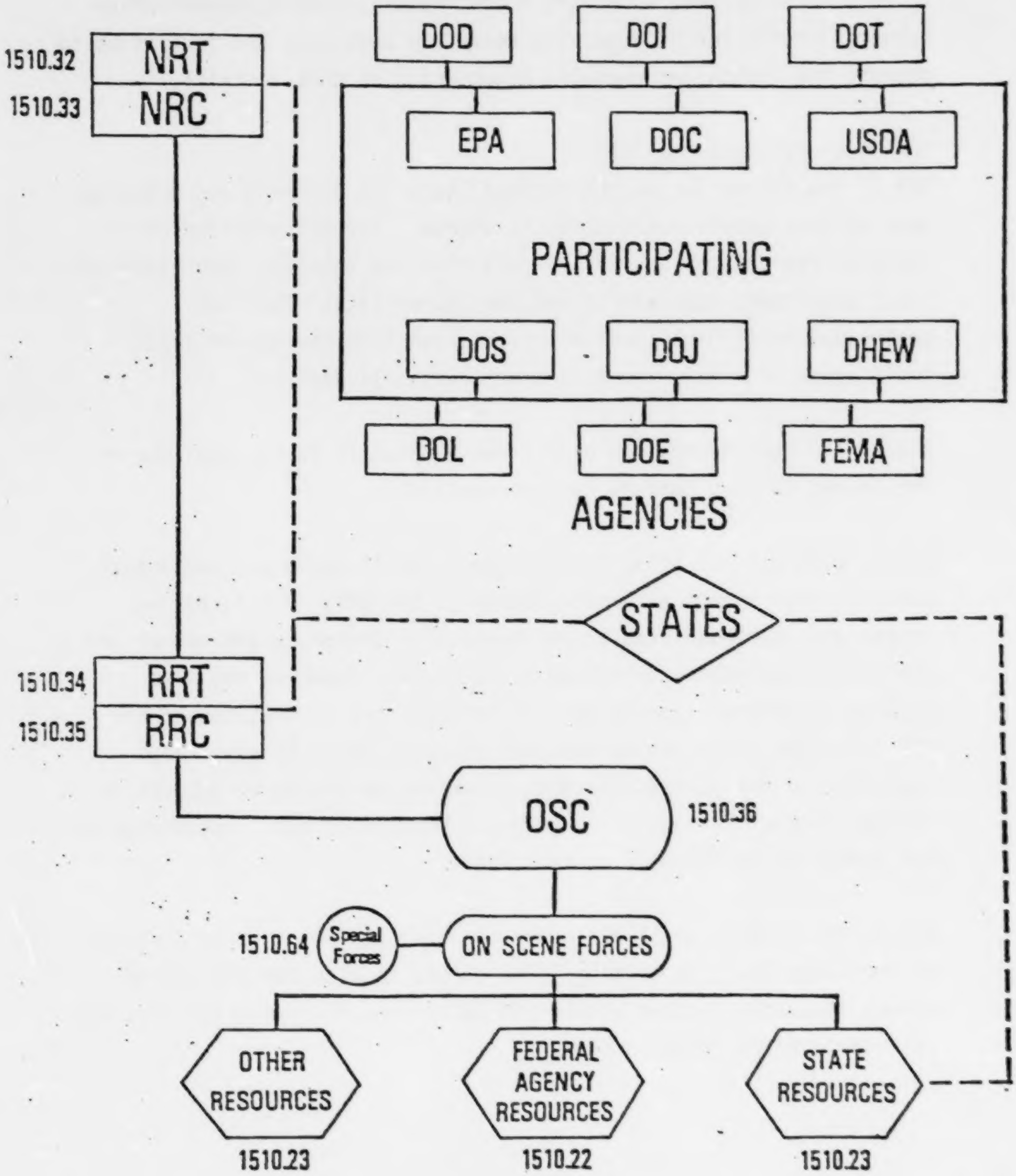
302.2 The NRT shall establish and maintain a Committee on Revision of the National Plan. This Committee shall provide suggested revisions to the NRT for consideration, approval, and publication by CEQ. The primary agencies shall provide membership on this standing committee. Advisory agencies shall participate whenever revision or proposed amendments would affect those agencies.

302.3 Based on a continuing evaluation of response actions, the NRT shall consider and make recommendations to appropriate agencies relating to training and equipping response team personnel; necessary research, development, demonstration and evaluation stockpiling; and other operational matters as the need arises. CEQ shall be advised of any agency's failure to adequately respond to these recommendations.

302.4 During pollution emergencies, the NRT shall act as an emergency response team to be activated in the event of a discharge involving oil or hazardous substances which 1) exceeds the response capability of the region in which it occurs, 2) transects regional boundaries, or 3) involves significant numbers of persons or nationally significant amounts of property. The NRT can also be called out upon request by any primary agency representative. Each representative, or an appropriate alternate, shall be notified by telephone of activation of the NRT. The NRT has no operational control of the OSC.

303 National Response Center

303.1 The NRC, located at Headquarters, USCG, is the Washington, DC, headquarters site for activities relative to pollution emergencies.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OSC
1510.36
1510.64
Special Forces
ON SCENE FORCES
OTHER RESOURCES
1510.23
FEDERAL AGENCY RESOURCES
1510.22
STATE RESOURCES
1510.23

Figure 1 NATIONAL CONTINGENCY PLAN CONCEPTS

NRC headquarters, described in Annex III of the National Plan, provides communications, including a continuously manned communication center, information storage, and necessary personnel and facilities to promote the smooth and adequate functioning of this activity.

304 Regional Response Team

304.1 The RRT serves as the regional body for planning and preparedness actions before a pollution discharge. The RRT consists of regional representatives of the participating agencies, and state and local government representatives, as appropriate. The full participation of high-level representation from states and local governments with major ports and waterways is desired.

304.2 The representatives of EPA and USCG shall act as chairman of the Inland RRT and Coastal RRT, respectively.

304.3 Each participating federal agency shall designate one member and a minimum of one alternate member to the RRT. Participating states and local municipalities should also designate one member and a minimum of one alternate member to the team. Agencies may also provide additional representatives as observers to meetings of the RRT. Persons representing the participating agencies may vary depending on the subregional area in which the discharge occured or on whether removal actions are underway. Details of such representation are specified in Annex II of this Regional Plan.

304.4 RRT members shall designate representatives of their agencies to work with OSC's to develop local plans, to plan for the use of agency resources located within the OSC's area of responsibility, and to respond to pollution incidents.

304.5 Each of the states within EPA Region 5 is encouraged to participate actively in all RRT activities and to designate representatives to work with the OSCs to develop regional and local plans and to plan use of state resources located within the OSC's area of responsibility. When the RRT is activated for a pollution emergency, the affected state or states are invited to participate in all RRT deliberations. Any state or local government that participates in the RRT has the same status as any federal member of the RRT.

304.6 The Chairman of RRT shall insure that the provisions of this Plan are adequate to provide the OSC with appropriate technical and professional assistance from the participating agencies commensurate with the agencies' resources, capabilities, and responsibilities within the region. During a pollution emergency the members of the RRT shall insure that the resources of their respective agencies are made available to the OSC.

304.7 When not activated for a pollution discharge, the RRT serves as a standing committee to recommend needed policy changes in the regional response organization, to revise the regional plan as needed, and to evaluate the preparedness of the agencies and effectiveness of local plans for coping with pollution discharges. The RRT shall:

(1) Maintain a continuing review of regional and local pollution emergency response operations and equipment readiness to insure adequacy of regional and local planning and coordination for combating discharges of oil and hazardous substances. The RRT shall also recommend revision of the National Contingency Plan to CEQ via the NRT on the basis of observations of response operations;

(2) Review the functioning of OSCs to insure that local plans are developed and fully coordinated among involved agencies;

(3) Develop procedures to promote the coordination of federal, state, and local governments and private agencies to respond to pollution incidents;

(4) Consider necessary changes in policy on the basis of continuing evaluation of regional response actions taken in combating discharges of oil and hazardous substances;

(5) Maintain a continuing surveillance of incoming reports from all OSCs and activate the RRT when appropriate;

(6) Meet semiannually to review pollution emergency response actions of the preceding period, receive reports on revisions, review local plans, and consider amendments to the regional plan;

(7) Provide letter reports outlining its activities as a mechanism for rapidly identifying techniques and procedures that have worked well and should be passed on to other RRTs. The reports will also serve to identify those practices that need improvement. Reports will be submitted to the Chairman of the NRT not later than 31 January and 31 July. As a minimum, reports will contain paragraphs addressing:

    (a) Summary of Activities. This section will contain a synopsis of the highlights of routine meetings and activations which have occurred since the last report.

    (b) Organizational Matters. This paragraph will outline organizational improvements that have been made since the last report. Any organizational matters that are considered to require NRT action should also be addressed. RRTs are encouraged to submit enclosures which detail procedures that have worked exceptionally well so that these may be transmitted to other RRTs for possible adoption.

    (c) Operations. This section will include recommendations, comments, or observations concerning response methods, equipment, training, or other operational matters which have not been addressed in the review of OSC reports.

304.8 The RRT shall act as an emergency response team to be activated in the event of a discharge involving oil or hazardous substances which (1) meets the definition of a Major Discharge [105.18(3)]; (2) exceeds the response capability available to the OSC within the locale in which it occurs; (3) transects regional boundaries; (4) involves significant numbers of persons or regionally significant amounts of property; or (5) when requested by any representative to the RRT.

304.9 The RRT shall be activated automatically in the event of a major or potential major discharge. The RRT may be activated during any other pollution emergency by an oral request from any RRT representative to the chairman of the team. Each representative, or an appropriate alternate, shall be notified immediately by telephone of activation of the RRT. Requests for team activation shall be confirmed in writing. The time of team activation, method of activation (e.g., telephone notification or assembly), place of assembly (if appropriate), and means of contact shall be included in POLREPS submitted in accordance with part 304.19(5).

304.10 When activated during a pollution discharge response, agency representatives shall meet at the call of the chairman and shall:

(1) Monitor and evaluate reports from the OSC insuring their completeness. The RRT shall advise the OSC on the duration and extent of the federal response and may recommend specific courses of action in combating the discharge for consideration by the OSC.

(2) Request other federal, state, local government, or private agencies to consider taking action under their existing authorities to provide the resources necessary for combating a discharge or deployment of personnel to monitor response operations.

(3) Help the OSC in preparing public information releases and in transferring information between the OSC and the Washington, DC, headquarters of the agencies concerned, so as to minimize or prevent dissemination of spurious and incomplete information. Public information actions are discussed in Annex VI.

(4) Advise the regional head of the agency providing the OSC if a shift of on-scene coordination from the predesignated OSC to another OSC is indicated by the circumstances or progress of a pollution discharge.

(5) Submit POLREPS (Pollution Reports) to the NRC in a timely manner as developments occur and not later than 1600 local time on each day of the operation.

304.11 If any member of the RRT dissents from a decision of the RRT on a discretionary action pursuant to the plan, or an interpretation of the plan, that member may appeal that decision to the NRT. The dissenting member shall notify the Chairman of the RRT of its appeal. During a major pollution discharge, a member who has pursued an appeal to the NRT may request further review by CEQ.

304.12 Deactivation of the RRT shall be by agreement between the EPA and USCG team members. The time of deactivation shall be included in POLREPS.

304.13 Boundaries of the standard federal regions as shown in Annex III of the National Plan shall be followed for development of the Regional Contingency Plan. Boundaries for local contingency plans shall coincide with those agreed upon between EPA and the USCG in determining OSC areas of responsibility (see Annex IV of this Plan.)

305 Regional Response Center

305.1 For pollution control activities under this Plan, the Regional Response Center is accommodated at the Environmental Protection

Agency's Region 5 office in Chicago, Illinois. The Regional Response Center is accommodated in quarters described in Annex III of this Plan, and provides communications, information storage, and other necessary personnel and facilities to promote the proper functioning and administration of this Plan.

306 On-Scene Coordinator

306.1 The OSC shall coordinate and direct federal pollution control efforts at the scene of a discharge or potential discharge. EPA Region 5 OSCs have been predesignated in section 301.2 of this Plan.

(1) In the event of a discharge of oil or hazardous substance, the first official on the site from an agency having responsibility under this Plan shall assume coordination of activities under the Plan until the arrival of the predesignated OSC.

(2) The OSC shall determine facts about a discharge, such as its potential impact on human health and welfare; the nature, amount, and location of material discharged; the probable direction and time of travel of the material; the resources and installations which may be affected, and the priorities for protecting them.

(3) The OSC shall initiate and direct, as required, Phase II, Phase III, and Phase IV operations, and consistent with other responsibilities, shall coordinate with agency representatives on-scene who are carrying out their agency responsibilities.

Advice provided by the EPA on the use of chemicals in Phase III and Phase V operations shall be binding on the OSC except as provided for in Annex X of the National Plan. Advice provided by DOI through the U.S. Fish and Wildlife Service or by DOC through the National Marine Fisheries Service on the cleanup of discharges that affect or have the potential of affecting endangered species shall be binding on the OSC, unless in the judgment of the OSC other actions are required to prevent or substantially reduce hazard to human life or substantially reduce explosion or fire hazard to property.

(4) The OSC shall call upon and direct the deployment of needed resources in accordance with this Plan to evaluate the magnitude of the discharge and to initiate and continue removal operations.

(5) The OSC shall provide necessary support and documentation for Phase V activities.

(6) In carrying out this Plan, the OSC will fully inform and coordinate closely with the RRT to insure the maximum effectiveness of the federal effort in protecting the natural resources and the environment from pollution damage.

306.2 EPA and the USCG shall insure that OSCs are predesignated for all areas within the region.

(1) The EPA is responsible for furnishing or providing On-Scene Coordinators for the inland waters in Region 5. A more detailed description of the OSC areas of responsibility is included in Annex IV.

(2) The USCG Ninth District is assigned the responsibility to provide OSCs for the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. As this is the coastal regional area of Region 5, a more detailed description of the area of responsibility is included in the contingency plan developed by the Ninth Coast Guard District for the coastal regional area within Region 5. (See Annex IV, Sec. 1409, on Ninth Coast Guard District OSC Boundaries.)

(3) The U.S. Coast Guard Second District is assigned the responsibility to provide OSCs for several rivers and river port areas according to agreements reached with EPA Region 5. (See Annex IV, Sec. 1408, on Second Coast Guard District OSC Boundaries.) River areas not covered in Section 1408 fall under EPA authority relative to OSCs but Coast Guard assistance can be requested if its personnel and equipment are available.

(4) The major consideration in selection of the OSC shall be based upon that agency's capability and resources for pollution control response activities and the individual OSC's knowledge of the National Contingency Plan and the appropriate Regional Contingency Plan.

306.3 All federal agencies are required by executive order to develop emergency plans and procedures for dealing with accidental pollution. All federal agencies are therefore responsible for designating the offices to coordinate response actions for facilities or vessels under their jurisdiction and for the provision of means to remove or mitigate the effects of discharges from their facilities. If the responsible agency does not act promptly or take appropriate action, the EPA or USCG shall, depending on the area in which the discharge occurs, assume the OSC functions. Pollution control actions taken must be in accordance with federal regulations and guidelines and this Plan.

306.4 The OSC is responsible for developing and maintaining a local contingency plan for the OSC's area.

307 Special Forces

307.1 The National Strike Force (NSF) shall be established consisting of personnel trained, prepared, and available to provide necessary services to carry out this Plan. This NSF shall be formed around the Strike Teams established by the U.S. Coast Guard on the east, west, and gulf coasts, and including the Environmental Response Team (ERT) established by the EPA, when required. The NSF shall provide assistance to the OSC during Phase III, IV, and V operations as the circumstances of the situation dictate. When possible, the NSF will provide training to the Emergency Task Forces and participate with the Regional Response Team in regional and local contingency plan development.

The Strike Teams established by the U.S. Coast Guard are able to provide communications support, advice, and assistance for oil and hazardous substances removal. These teams include expertise in ship salvage, damage control, diving, and removal techniques and methodology. In addition, they are equipped with specialized containment and removal equipment and have rapid transportation available.

307.2 The Environmental Response Team was established to advise the OSC and RRT on environmental issues surrounding spill containment and removal and damage assessment. The ERT has two components which are described in detail in §1510.64(b)(1) and (2) of the National Plan; briefly, their functions include:

(1) Operations Support - provides advice on spill containment and cleanup including: application of dispersants, habitat restoration, cleanup technique and priorities, disposal of contaminated material, water supply contamination, and special considerations pertaining to hazardous substances.

(2) Scientific Support - provides scientific support assistance including: trajectory analysis, chemical analysis, location of environmentally sensitive regions, assessment of environmental damage, and coordination of on-scene scientific activity. Scientific Support Coordinators (SSCs) will be designated by EPA and NOAA. The EPA/NOAA SSC boundary is identical to the Region 5 EPA/USCG OSC boundary described in Annex IV of this Plan, as agreed upon by a Memorandum of Understanding between EPA Region 5 and the NOAA Gulf Coast SSC.

Guidelines for requesting assistance from the ERT are contained in part 505.2 of this Plan.

400 OPERATIONS - RESPONSE PHASES

401 Phase Groupings

401.1 The actions taken in response to a pollution discharge can be separated into five relatively distinct classes or phases. For descriptive purposes, these are: Phase I - Discovery and Notification; Phase II - Evaluation and Initiation of Action; Phase III - Containment and Countermeasures; Phase IV - Removal, Mitigation, and Disposal; and Phase V - Documentation and Cost Recovery. It must be recognized that elements of any one phase may take place concurrently with one or more other phases.

402 Phase I - Discovery and Notification

402.1 A discharge may be discovered through: 1) a report submitted by a discharger in accordance with statutory requirements; 2) deliberate search by vessel patrols and aircraft; and 3) random or incidental observations by government agencies or the general public. In the event of receipt of a report by the discharger, written verification of such notification shall be provided by the receiving federal agency within seven working days.

402.2 In the event of a deliberate discovery, the discharge will be reported directly to the NRC. Reports from random discovery may be initially through fishing or pleasure boats, police departments, telephone operators, port authorities, news media, or others. Reports generated by random discovery should be reported to the NRC or nearest

USCG or EPA office. Regional plans shall provide for such reports to to the NRC, RRC, and state agency as promptly as possible to facilitate effective response action. Reports of major and medium discharges received by either EPA or USCG shall be expeditiously relayed by telephone to the appropriate members of the RRT as specified by the Regional Contingency Plan. Reports of minor discharges shall be exchanged between EPA and USCG as agreed to by the two agencies.

402.3 The agency furnishing the OSC for a particular area is assigned responsibility for implementing Phase I activities in that area.

403 Phase II - Evaluation and Initiation of Action

403.1 The OSC shall insure that a report of a discharge or potential discharge is immediately investigated. Based on all available information, the OSC shall: 1) evaluate the magnitude and severity of the discharge; 2) determine the feasibility of removal; and 3) assess the effectiveness of removal actions.

403.2 The OSC shall, when appropriate and as soon as possible after receipt of a report, advise the RRC of the need to initiate further governmental response actions. This may be limited to activation of the RRT or a request for additional resources to conduct further surveillance or initiation of Phase III or Phase IV removal operations.

403.3 The OSC shall insure that adequate surveillance is maintained to determine that removal actions are being properly carried out. If removal is not being done properly, the OSC shall so advise the responsible party. If, after the responsible party has been advised and does not initiate proper removal action, the OSC shall, pursuant to Section 311(c)(1) of the Act, take necessary action to remove the pollutant.

403.4 If the discharger is unknown or otherwise unavailable, the OSC shall proceed with removal actions pursuant to Section 311(c)(1) of the Act.

404 Phase III - Containment and Countermeasures

404.1 These are defensive actions to be initiated as soon as possible after discovery and notification of a discharge or a potential discharge. These actions may include public health and welfare protection activities, such as analyzing samples to determine source control procedures, salvage operations, placement of physical barriers to halt or slow the spread of a pollutant, emplacement or activation of booms or barriers to protect specific installations or areas, control of the water discharge from upstream impoundments, and the employment of chemicals and other materials to restrain the pollutant and its effects on water-related resources.

405 Phase IV - Cleanup, Mitigation, and Disposal

405.1 This includes actions taken to recover the pollutant from the water and affected public and private shoreline areas, and monitoring activities to determine the scope and effectiveness of removal actions. Actions that could be taken include the use of sorbers, skimmers, and other collection devices for floating pollutants; the use of vacuum dredges or other devices for sunken pollutants; the use of reaeration or other methods to minimize or mitigate damage resulting from dissolved, suspended, or emulsified pollutants; or special treatment techniques to protect public water supplies or fish and wildlife resources from continuing damage.

405.2 Pollutants and contaminated materials that are recovered in cleanup operations shall be disposed of in accordance with procedures agreed to in state or local contingency plans.

406 Phase V - Documentation and Cost Recovery

406.1 This includes a variety of activities, depending on the location of and circumstances surrounding a particular discharge. Recovery of federal removal costs and recovery for damage done to federal, state, or local government property is included. Damages to private citizens are not dealt with in this Plan. The OSC shall furnish documentation required by the revolving fund administration to recover costs from responsible parties. Procedures to be followed to fulfill documentation requirements are specified in Coast Guard directives. The collection of scientific and technical information of value to the scientific community as a basis for research and development activities and for the enhancement of understanding of the environment may also be considered in this phase. It must be recognized that the collection of samples and necessary data must be performed at the proper times during the case to fix liability and for other purposes (see Annex VIII).

407 Special Considerations

407.1 Safety of Personnel. Actual or potential pollution discharges that could have an imminent and substantial effect on both air and water media can pose serious hazards to personnel health and safety. The OSC should be aware of this hazard and should exercise caution in allowing civilian or government personnel into the affected area until the nature of the substance discharged is known. Local contingency plans shall identify sources of information on anticipated hazards, precautions, and requirements to protect personnel during response operations. Names and phone numbers of people with revelant information shall be included.

407.2 Waterfowl Conservation. Oil discharges, particularly in estuarine and near shore areas, often cause severe stress to resident and migratory bird species. The DOI representative and the state liaison to the RRT shall arrange for and coordinate actions of professional and volunteer groups that wish to establish bird collection, cleaning, and recovery centers. For specific instructions on bird conservation or cleaning operations, consult specialists in the U.S. DOI Fish and Wildlife Service. Organizations and instructions that are willing to participate in such activities and operate such facilities are listed in Annex XI.

500 COORDINATING INSTRUCTIONS

501 Delegation of Authority

501.1 When required, delegation of authority or concurrence in proposed use of chemical control activities may be initially oral by the EPA representative on the RRT; written confirmation should be completed as soon as possible.

502 Notification

502.1 All discharges or potential discharges of oil or hazardous substances affecting or threatening waters of the United States within the area covered by this Plan (see Annex IV, 1402) should be reported immediately by telephone to the following office:

National Response Center (NRC)
Toll Free: 1 (800) 424-8802

If for some reason it is not practicable to contact the NRC, the report should be made to the Regional Response Center in Chicago, Illinois at (312) 353-2318 or (FTS)353-2318 (see Annex III).

503 Multiregional Responses

503.1 In the event that a discharge or a potential pollution emergency moves from the area covered by one contingency plan into another area, the authority to initiate pollution control actions shall change as appropriate. If a pollution emergency affects areas covered by two or more regional plans, the response mechanism called for by both plans will be activated; response actions shall be fully coordinated.

503.2 There will be only one On-Scene Coordinator at any time during a response operation. If a discharge affects two or more areas, the RRT will designate the OSC, giving prime consideration to the area vulnerable to the greatest damage.

504 Multinational Responses

504.1 In the event of a discharge or a potential discharge which affects or may affect the United States and Canada, response actions will be taken in accordance with the provisions of the joint Canada-U.S. Contingency Plan.

505 Coordination with Special Forces

505.1 The U.S. Coast Guard Strike Teams capabilities are described in Section 307.1. The OSC or RRT chairman may obtain their help, when their expertise and capabilities are needed in a cost effective way. Their assistance may be obtained directly as follows:

1. Commanding Officer
   Gulf Coast Strike Team
   National Space Technology Laboratory
   Bay St. Louis, Mississippi 39529
   (FTS)494-2380
   (601)688-2380
   (504)589-6225 (24 hr. New Orleans)

2. Commanding Officer
   Altantic Strike Team
   U.S. Coast Guard Air Base
   Elizabeth City, N.C. 27909
   FTS, days 8-931-0357/8
   FTS, After hours 8-931-0268
   Com, days 919-338-1100/3941
   Com, 24hr 919-338-1100

505.2 Environmental Response Team (ERT)

(1) Functions of the ERT Operations and Scientific Support components are described in section 307.2 of this Regional Plan.

(2) The predesignated OSC or the Chairman of the Inland RRT can obtain support from the ERT as follows:

(a) Chief
Spill Prevention Control Branch
EPA
Washington, DC 20460

(202) 245-3045
(FTS) 245-3045
(703) 978-2914 (24 hr.)

(b) Team Leader
ERT
EPA
Edison, NJ 08817

(201) 321-6740
(FTS) 340-6740
(201) 321-6660 (24 hr.)

505.3 Scientific Support Coordinators

(a) The ERT will serve Region V as the Scientific Support Coordinaters
(b) NOAA SSC - John Robinson

office	home
FTS 320-6551	303-494-1866
303-497-6551	

(c) A list of experts from various fields, is being generated to act as SSC's.

505.4 Consulting Physicians

In case of a pesticide or hazardous material spill, the attending physicians, OSC or RRT chairman may call the EPA consulting physician as follows:

	Office
(a) Dr. Donald Morgan	(319)353-5558
Institute of Agricultural Medicine	
University of Iowa	Home
Oakdale Iowa 52319	(319)338-8474

Alternate
(b) Dr. S.H. Sandifer
Medical University of S.C
Charleston S.C
24-hr. 800-845-7633

505.5 Federal Emergency Response Contacts listings, including weather information from NOAA are found in Annex II

505.6 State Emergency Response contacts listing are found in Annex XIII

506 Termination of Response Activities

506.1 The OSCs in this region are granted the authority to determine the appropriate termination of response activities in all cases except those where the RRT is actually convened on-site. The OSC or RRT shall consider the recommendations of the appropriate state officials.

Termination should be effected when it is apparent that further effort will be nonproductive or counterproductive in returning the environment to its former state.

507 Resolution of Disputes

507.1 In the event that a polluting discharge or potential pollution emergency originating in EPA Region 5 affects or threatens areas covered by other EPA or USCG regional plans, the NRT will designate the OSC if members of two adjacent RRTs are unable to agree on the designation. Usually the OSC in the region where a spill originates will remain the OSC.

600 PROCEDURES FOR REVIEWING AND UPDATING THE REGIONAL AND LOCAL CONTINGENCY PLAN

601 Responsibility

601.1 The format and content of this Regional Plan were developed in accordance with the National Plan. The Regional Administrator of EPA Region 5 is responsible for revising and maintaining this plan.

602 Procedures for Review

602.1 This plan will be reviewed and updated quaterly and when major changes occur. The RRT will meet quarterly to consider changes in the Regional and Local Plan. Recommendations for changes are requested and may be submitted by any participating agency to Chairman, Regional Response Team, EPA Region V, 536 S. Clark Street Chicago, Illinois 60605

ANNEX I

1100 DISTRIBUTION

1101 General. This plan and all amendments and changes will be distributed to the NRT,RRT,OSCs and to the states of Illinois, Indiana, Michigan, Minnesota and Wisconsin. Other interested federal, state, and local agencies and private parties may obtain copies of this plan from Regional Administrator, EPA Region V, 230 S. Dearborn Street Chicago, Ill. 60604.

1102 Included in this formal distribution are the following organizations:

Environmental Protection Agency

- Region I - Lexington, Massachusetts (Boston)
- Region II - New York, New York
- Region III - Philadelphia, Pennsylvania
- Region IV - Atlanta, Georgia
- Region VI - Dallas, Texas
- Region VII - Kansas City, Kansas
- Region VIII - Denver, Colorado
- Region IX - San Francisco, California
- Region X - Seattle, Washington

Department of Transportation

- Second Coast Guard District, St. Louis, Missouri
- Coast Guard Captains of the Port
    - St. Louis, Missouri
    - Minneapolis/St. Paul, Minnesota
    - Paducah, Kentucky
    - Louisville, Kentucky
    - Cincinnati, Ohio
    - Huntington, West Virginia

Marine Safety Detachments

- Davenport, Iowa
- Peoria, Illinois
- Evansville, Indiana
- Marietta, Ohio

Ninth Coast Guard District, Cleveland, Ohio
Coast Guard Captains of the Port

- Chicago, Illinois
- Cleveland, Ohio
- Detroit, Michigan
- Duluth, Minnesota
- Milwaukee, Wisconsin
- Muskegon, Michigan
- Sault Ste. Marie, Michigan
- Toledo, Ohio

Department of Defense

Corps of Engineers, North Central Division
Chicago, Illinois

Districts
- Chicago, Illinois
- Detroit, Michigan
- Rock Island, Illinois
- St. Paul, Minnesota

Corps of Engineers, Lower Mississippi Valley Division
Vicksburg, Mississippi

Districts
- Huntington, West Virginia
- Louisville, Kentucky
- Pittsburgh, Pennsylvania

Headquarters Fifth U.S. Army
Office of Deputy Chief of Staff for Logistics
Engineer Division
- Ft. Sam Houston, Texas

United States Navy
Ninth Naval Districts Headquarters
- Great Lakes, Illinois

Department of Commerce

Weather Service Forecast Office, Region 5
- Chicago, Illinois

Department of Interior

Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife
North Central Region
Twin Cities, Minnesota

Department of Health, and Human Services

Public Health Service
Bureau of Community Environmental Management
Chicago, Illinois

Department of Justice

Division of Land and Natural Resources
Washington, DC

Department of State

International Joint Commission
Washington, DC

Energy Research and Development Administration

Safety Division
Argonne, Illinois

Federal Emergency Management Agency
Chicago, Illinois 60602 Room 540

State Pollution Control Agencies

Illinois Environmental Protection Agency
Springfield, Illinois

Indiana Stream Pollution Control Board
Indianapolis, Indiana

Michigan Department of Natural Resources
Lansing, Michigan

Minnesota Pollution Control Agency
Roseville, Minnesota

Ohio Environmental Protection Agency
Columbus, Ohio

Wisconsin Department of Natural Resources
Madison, Wisconsin

Interstate Water Pollution Control Agencies

Ohio River Valley Water Sanitation Commission (ORSANCO)
Cincinnati, Ohio

1103 Other federal, state, local, and private agencies and organizations will be added to the distribution list as appropriate.

ANNEX II
1200 REGIONAL RESPONSE TEAM DIRECTORY

1201 Regional Response Team

1201.1 Participating Agency Representatives

	OFFICE	HOURS	OFF DUTY
Environmental Protection Agency			
* Region 5	8-353-2318	8:15-4:45	312-353-2318
536 S. Clark St.	312-353-2318		
Chicago, IL 60605	TWX 910-221-5191 WPCCI		
Thomas Yeates (Chairman RRT)	8-353-3808 312-353-3808		
Vacant	8-353-9770 312-353-9770		
DOT Coast Guard			
* District 2	8-279-4655		8-425-4614
1430 Olive St.	314-425-4655		314-425-4614
St. Louis, MO 63103	TWX 910-761-1168 USCG STL		
Capt. Matthew Woods			
Cmdr. G.T. Willis			
* District 9	8-293-3983		216-522-3983
1240 East Ninth Street	216-522-3983		
Cleveland, OH 44199	TLX 910145 USCG CLV		
Capt. H.F. Norton			
Lt. Cmdr. Art Ruedisueli			

COMMUNICATION NUMBERS ARE INTENDED TO BE USED BY
GOVERNMENT PERSONNEL IN SPILL RESPONSE ONLY

August 1980

	OFFICE	HOURS	OFF DUTY
DOT Corps of Engineers			
* North Central Division	8-886-5451		
(Emergency Management)	312-886-5451		
536 S. Clark St.	TWX 910-221-5625		
Chicago, IL 60605	NCD CECHGO		
Bernard Bochantian			815-568-7544
* Lower Mississippi Valley Division	8-273-5517		
P.O. Box 80	314-263-5517	601-638-3238	
Vicksburg MS. 34180	TWX 910-761-1051		
	ENG DIST STL		
James Peterson			601-638-3238
F.E. Stubos			
* Ohio River Division	8-684-3061		
Construction Operation Dv.			
550 Main St	513-684-3061		
PO Box 1159	TWX 810-461-2659		
Cincinnati, OH 45201	OHIO RIVER DIV		
Jack Kiper			606-341-0160
DOI Fish and Wildlife Service			
* North Central Region	8-725-3535		
Federal Building, Fort Snelling	612-725-3535		
Twin Cities, MN 55111	TLX 290652		
	GSA FTS MPS		
James Kesel			715-386-9815
Dr. James Elder			612-888-7375

	OFFICE	HOURS	OFF DUTY
DOC National Weather Service			
* Central Region (all states except OH) 601 East 12th Street Kansas City, MO 64106	8-758-3230 816-374-3239		
Johnny S. Smith Laurence Shaffer			816-781-8728 913-722-1911
* Eastern Region (Ohio) Federal Facilities Bldq. Cleveland, OH 44135	8-293-4949 216-522-4949		216-522-4949
Federal Weather Service			
Illinois National Weather Service R. Waldman	8-353-4680 312-353-4680		312-963-3027
Indiana NOAA National Weather Service J. Curran	8-331-5410 317-269-5410		317-844-3056
Michigan National Weather Service CR. Snider	8-378-2222 313-668-2222		313-668-2222
Minnesota NOAA National Weather Service JV. Graff	8-725-3404 612-725-3404		612-725-3404
Ohio National Wather Service P.W. Dailey	216-267-0069		216-267-0069
Wisconsin National Weather Service E,C Jagler	8-362-3060 414-291-3060		414-291-3060

Dept. of Health, Education and Welfare		
300 S. Wacker Dr. Chicago, IL 60606	8-353-9365 312-353-9635	
Robert Ford		312-639-6476
Federal Emergency Management Agency		
* Region 5 1 N. Dearborn St. Rm 540 Chicago, IL 60602	8-353-1500 312-353-1500	
R. Buddekf G. Pierson		
Dept. of Energy		
* Radiological Incident Office 9800 S. Cass Ave. Argonne, IL 60439 E. Jascewsky	8-972-4800 312-972-4800	312-972-5731

	OFFICE	HOURS	OFF DUTY
Dept. of Justice			
* Illinois Northern District	8-353-5300		
219 S. Dearborn St. Room 1500 S.	312-353-6742		
Chicago, IL 60605			
Thomas Sullivan, US Attorney			312-251-5872
* Illinois Southern District	8-955-4450		
PO Box 375	217-492-4450		
Springfield, IL 62705			
Gerald D. Fines, US Attorney			217-787-4017
Thomas Turner, First Assistant			217-787-2251
* Illinois Eastern District	9-359-9360	8:00-4:30	
750 Missouri Ave., Room 330	618-271-6037		
East St. Louis, IL 62260	618-398-1446		
	618-397-7131		
James R. Burgess, Jr., US Attorney			618-632-7691
Robert Simpkins, First Assistant			618-345-7427
* Indiana Northern District	8-332-7263	8:30-5:30	
332 Federal Building	219-232-3086		
204 S. Main St.			
South Bend, IN 46601			
David T. Ready, US Attorney			219-287-2797
John S. Leonardo, First Assistant			
* Indiana Southern District	8-331-6333		
Federal Building U.S. Court House	317-269-6333		
46 E. Ohio St.			
Indianapolis, IN 46204			
Virginia Dill McCarty, US Attorney			317-257-6859
Bernard Pylitti, First Assistant			

	OFFICE	HOURS	OFF DUTY
Dept. of Justice (Cont.)			
* Michigan Eastern District	8-226-4316	8:30-5:00	
817 Federal Building	313-226-4316		
231 W. LaFayette			
Detroit, MI 48226			
J.E. Brant			
* Michigan Western District	8-372-2404		
544 Federal Building	616-456-2404		
Grand Rapids, MI 49502			
James S. Brady, US Attorney			
Don Davis, Chief Assistant			
* Minnesota District	8-781-7430		
110 Fourth St., Room 234	612-332-8961		
Minneapolis, MN 55411			
Thomas Berg, US Attorney			
John M. Lee, First Assistant			
* Ohio Northern District	8-293-4392	8:30-5:00	
U.S. Courthouse Room 400	216-522-4392		
Cleveland, OH 44114			
James R. Williams, U.S. Attorney			216-867-7536
William Edwards, First Assistant	8-293-4387		
* Ohio Southern District	8-943-5517	8:30-5:00	
85 Marconi Blvd., Room 200	614-469-5517		
Columbus, OH 43215			
James Cissell, US Attorney	614-684-3711 (Cincinnati)		614-451-3660
James E. Rattan, Sen. Assistant	614-469-5517		

	OFFICE	HOURS	OFF-DUTY
Dept. of Justice (Cont.)			
* Wisconsin Eastern District	8-362-1700	8:00-5:00	
517 E. Wisconsin Ave., Room 330	414-291-1700		
Milwaukee, WI 53202			
Charles H. Bohl, US Attorney			
* Wisconsin Western District	8-364-5158		
215 Monona Ave	608-264-5158		
Madison, WI 53701			
Frank M. Tuerkheimer, US Attorney			608-233-0708
Grant Johnson, First Assistant			
DHHS Food and Drug Administration			
175 W. Jackson St.	8-353-1041		8-353-5863
Chicago, IL 60604	312-353-1041		312-353-5863
F.R. Stanleynald			
Asst. Reg. Dir., Program Mgmt.			312-469-2567
Department of Labor			
230 S. Dearborn	312-353-2220		
Chicago, IL 60604			
Russ Adams			
Department of State			
International Joint Commission	8-426-1830		
(Through National Response Center)	312-426-1830		202-426-1830
	800-424-8802		808-424-8802

	OFFICE	HOURS	OFF DUTY
USDA Forest Service			
* Forest Service	8-362-3698		
633 W. Wisconsin Ave.	414-291-3698		
Milwaukee, WI 53203			
Harvey Gibson			414-242-1410
1202 EPA, Regional Spill Response Personnel			
* Regional Administrator			
Valdas Adamkus (acting)	312-353-2000		312-328-5722
Nancy Philippi	312-353-3299		312-866-7492
Mary Ellen Lynch	312-353-3018		312-296-9049
Surveillance and Analysis Div.			
William H. Sanders, III, Dir.	312-353-3804		312-957-4130
* Environmental Emergency Branch	312-353-2318		312-353-2318
Thomas Yeates	312-353-3808		312-353-2318
Vacant	312-353-9770		312-353-2318
* Air Surveillance Branch	312-353-2306		
Gerald Regan			312-963-0695
Lucien Torrez			312-355-6029
Charles Miller			312-865-1471
* Central Regional Laboratory	312-353-8370		
Curtis Ross			312-747-4355

	OFFICE	HOURS	OFF DUTY
Air and Hazardous Materials Div.			
* Pesticides Branch	312-353-2192		
Dr. Mitchell Wrich			312-885-2403
George Marsh			312-956-1089
Carl Erickson			312-537-3347
* Toxic Substances	312-886-6002		
Karl Bremer			312-382-1251
Paul Meriage			312-653-3063
Sheldon Simon			312-756-2237
* Waste Management	312-353-2197		
Karl Klepitsch, Jr.			815-838-2697
* Radiation			
Pete Tedeschi	312-353-2654		312-544-7938
Larry Jensen	312-886-6175		312-784-0310
Enforcement Division			
* Oil and Hazmat Enforcement Specialist	312-353-2094		
Eileen Bloom			312-664-1353
Regional Response Personnel			
Eastern Response	8-293-7260		
Cleveland, OH	216-522-7260		
	TWX 810-427-9255		
Joseph Fredle	WPCCLE WLKE		216-949-7701
(Pager)			664-8752
Daniel Papcke			226-2442
(Pager)			664-8750

	OFFICE	HOURS	OFF DUTY
Regional Response Personnel (Cont.)			
Michigan Response Unit	8-226-7269		
Detroit, MI	8-313-676-6500		
	TWX 810-231-7184		
	WPCCHI GRI		
Ross Powers			313-283-2643
(Pager)			275-3701
Chicago Response Unit			
Sylvester Bernotas	353-2318		312-798-1283
Ralph Coons	353-2318		815-436-6166
George Madany	353-2318		312-358-1651
1203 National Response Center			
U.S. Coast Guard Headquarters	8-426-1830		
Nassif Building	202-426-1830		
400 Seventh St., SW	800-424-8802		
Washington, DC 20590	TWX 710-822-1959 CG DOT WSH		
	TCP 202-426-0014		
	TLX 892427 COAST GUARD WSH		
1204 EPA Headquarters			
Div. Oil and Special Materials	8-245-3045		
EPA	202-245-3045		
Waterside Mall	TWX 710-822-9269		
401 M. St., SW, RM 2811	EPA SPILLS WSH		
Washington DC, 20360	TLX 892427		
Hans Crump	8-245-3045		202-554-2329
Jack Jojokian	245-3057		
Henry Van Cleave	245-3045		703-978-2914
Walter Miguez	245-3045		301-268-4618
Russell Wyer	245-3048		703-361-8015
Kenneth Biglane	245-3048		202-244-5911

1205 EPA Regional Centers

	OFFICE HOURS	OFF DUTY
Region I - Boston (Lexington)	8-223-7265 617-223-7265 TWX 710-326-6901 EPA LXON	8-223-7265 617-223-7265
Region II - New York (Edison, NJ)	8-340-6658 201-548-8730 TWX 710-998-0598 EPA EDI EDIN	8-340-8730 201-548-8730
Region III - Philadelphia	8-597-9898 215-597-9898 TWX 710-670-0716 EPAOHMPHA	8-597-9898 215-597-9898
Region IV -Atlanta	8-257-3931 404-881-4062 TWX 810-751-8145 WPCATL	8-257-3931 404-881-4062
Region V - Chicago	8-353-2318 312-353-2318 TWX 910-221-5191 WPCCHI	312-353-2318
Region VI - Dallas	8-729-2720 214-767-2720 TWX 910-861-4125 WPCDAL	8-729-2666 214-767-2666
Region VII - Kansas City	8-758-3778 816-374-3778 TWX 910-771-2050 EPA KSC	8-758-3778 816-374-3778
Region VIII - Denver	8-327-3880/2468 303-837-3880/2468 TWX 910-931-2215 EPADVR	8-327-3880 303-837-3880
Region IX - San Francisco	8-556-6254 415-556-6254 TWX 910-372-7845 EPA REG 9 SFO	8-556-6254 415-556-6254
Region X - Seattle	8-399-1263 206-442-1200 (main desk) 206-442-1263 (emer. br.) TWX 910-444-2015 EPA SEA	8-399-1263 206-442-1263

1206 U.S. Coast Guard Marine Safety Office - District 2

	OFFICE	HOURS	OFF DUTY
Cincinnati, OH	8-684-3295 513-684-3295		513-684-3295
Davenport, IA	8-863-1242 319-322-6297		319-322-6297
Evansville, IN	8-335-6275 812-424-2717		812-424-2709
Huntington, WV	8-924-5524/5432 304-529-5524/5532		304-529-5524
Louisville, KY	8-352-5194 502-582-5194 TWX-810-3258 USCG LVL		502-684-7254
Marietta, OH	8-293-3131 ask for 614-373-5476		614-373-5476
Minneapolis, MN	8-725-7452 612-725-7452 TWX 910-563-3646 USCG STP		612-725-7452
Paducah, KY	8-352-7361 502-442-1621		502-442-1621
Peoria, IL	8-360-7195 309-671-7195		309-671-7195
Pittsburgh, COTP	8-722-5808 412-644-5808		412-644-5808
St. Louis, COTP	8-279-4657 314-425-4657		314-425-4657

U.S. Coast Guard Marine Safety Office (Cont.)

District 9

	OFFICE	HOURS	OFF DUTY
Buffalo, NY	8-437-4168 716-846-4168 TLX 914142 USCG BUF		8-437-4154 716-846-4154
Chicago, IL	8-353-1226 312-353-1226 TLX 980145 USCG CLV (relay)		8-353-4400 312-768-8000
Cleveland, OH	8-293-4404 216-522-4404 TLX 980145		8-293-4405/4412/3983 216-522-4405/4412/3983
Detroit, MI	8-226-6860/7777 313-226-6860/7777 TLX 980145 USCG CLV (relay)		8-226-6860/7777 313-226-6860/7777
Duluth, MN	8-783-9287 218-727-6692 X286 TLX 294424 USCG DUL		8-783-9287/9286 218-727-4860
Milwaukee, WI	8-362-3162/3181 414-291-3788 TLX 980145 USCG CLV (relay)		8-362-3165 414-291-3788
Muskegon, MI	8-372-1752 616-759-0951 TLX 980145 USCG CLV		8-372-1752 616-759-0357

	OFFICE	HOURS	OFF DUTY
U.S. Coast Guard Marine Safety Office (Cont.)			
District 9 (Cont.)			
Sault Ste. Marie, MI	8-372-4448 906-635-5495 TLX 980145 USCG CLV (relay)		906-635-5241
Sturgeon Bay, WI	8-743-9448 414-743-9448		414-743-9448
Toledo, OH	8-625-6372/7558 419-259-6372/7558 TLX 980145 USCG CLV (relay)		8-625-6448 419-259-6448
1207 U.S. Geological Survey			
George F. Brown, Regional Conser. Mgr. Atlantic OCF, Eastern Region 1725 K. Street, NW, Suite 204 Washington, DC 20006	8-254-3137 202-254-3137		
Robert Goff, Deputy Conservation Offr. DMC Offshore Field Operations	8-254-7870 202-254-7870		
1208 U.S. Army Continental Command, DOD			
DCSOI, HQ, Fifth U.S. Army, AFKB-01-E Ft. Sam Houston, TX 78234			
Lt. Col. T.P.Hyde	8-746-4911 512-221-5931	0730-1600	512-826-0324
Alternate			
Major JB McKinney	8-746-5935/4713/3982 512-221-6111	1600-0750	

	OFFICE HOURS	OFF DUTY
Army Decontamination Team		
Lt. Col. Wain Stowe (Pentagon)	8-695-7045 202-695-7045	8-697-0218/0219 202-697-0218/0219
* Tech Escort Team Aberdeen Proving Ground	301-671-3516/3044/4381	301-671-2773/4259

Note: Before calling on the Army Team, confer first with Headquarters, Division of Oil and Special Materials Control.

	OFFICE HOURS	OFF DUTY
1209 U.S. Navy, DOD Region 5 States (except Ohio)		
Captain John W. Tombarge Deputy District Civil Engineer Northern Division Naval Facilities Engineering Command Great Lakes Branch, Bldg. IA Great Lakes, IL 60088	312-688-6895	312-688-4820
Alternate		
Lt. Joseph Furco	312-688-2279	312-688-4820
Ohio		
Lt. Commander W.D. Britt ACOS Operations and Logistics Fourth Naval District Headquarters Philadelphia, PA 19112	8-755-3871 215-755-3871	215-755-3871

	OFFICE	HOURS	OFF DUTY
1210 State Pollution Control Agencies			
Illinois Environmental Protection Agency 2200 Churchill Rd Springfield, Ill. 62706 WM Busch John Renkes	217-782-3637 TLX 406430		217-782-3637
On crude oil spills, call also * Illinois Dept. of Mines and Minerals Division of Oil and Gas George R. Lane, Petro. Engr.	217-782-7756		217-546-1100
Indiana Stream Pollution Control Board	317-633-0144		317-633-0144
John L. Winters, Chief of Water Qual. Study and Standards Branch	8-336-1166 317-633-0719	ask for 0719	
Raymond Bailey, Chief of Hazardous Material Spills	8-336-1166 317-633-0683	ask for 0683	
Earl Bohner, Director of Water Pollution Control	8-336-1166 317-633-0700	ask for 0700	
On wells and leases, call Indiana Dept. of Natural Resources Oil and Gas Division Homer Brown, Director	8-232-4055 317-232-4055		317-251-7547
John O'Tain, Asst. Director	Same as above		317-881-9659
Michigan Department of Natural Resources			
David M. Dennis	8-253-2794 517-373-2794		8-253-7660 517-373-7660 1-800-292-4706 (Inside Mich.)

	OFFICE	HOURS	OFF DUTY
Minnesota Pollution Control Agency			
Richard Kable	8-776-7235/7373 612-296-7235/7373		8-776-7373 612-296-7373
Robert Dullinger	8-776-7367/7373 612-296-7367/7373		8-776-7373 612-296-7373
Ohio Environmental Protection Agency			
Ken Schultz	8-942-6542 614-466-6542 TLX: 810-482-1875		800-282-9378 (inside Ohio) 614-224-0946 (outside Ohio)
Wisconsin Dept. of Natural Resources			
Perry J. Manor	8-366-2857 608-266-2857		8-366-3232 608-266-3232
John Thorsen	8-366-7596 608-266-7596		8-366-3232 608-266-7596

1211 Interstate Representatives

Ohio River Valley Water Sanitation
Commission (ORSANCO)
414 Walnut Street
Cincinnati, OH 45202

	OFFICE	HOURS	OFF DUTY
Glenn E. Moore, Mgr. Surveillance Programs	513-421-1151		513-421-1151

* Organization representing states of Illinois, Indiana, Kentucky, New York, Ohio, Pennsylvania, Virginia, and West Virginia

1212 National Strike Force

	OFFICE	OFF DUTY
Atlantic Strike Team		
U.S. Coast Guard Air Base Elizabeth City, NC 27909 Operational Duty Officer	8-931-0357-0268 919-338-1100/1556	8-931-0268 919-338-1100
Gulf Strike Team		
U.S. Coast Guard National Space Technology Lab. Bay St. Louis, MS 39529 Operational Duty Officer	8-494-2380 601-688-2380	8-494-2380 601-688-2380

1213 Canadian Pollution Control Agencies

	OFFICE	OFF DUTY
Transport Canada, Canadian Coast Guard Emergency Operations, Toronto, Ontario (Great Lakes situations)		
Nick Vanderkooy, Regional Manager for Emergency Operations	416-369-3058 TLX 0623317 MOT RDCG TLX 06523096 MOT CGTC TOR	416-369-3058
Environment Canada Environmental Protection Service Toronto, Ontario (Technical advice on water quality and pollution control techniques)		
Robert W. Slater	416-966-5850	416-966-5840
Janet Huehn	416-966-5840 TLX 0623601 DOE EPA TOR	416-966-5840

	OFFICE	OFF DUTY
Ontario Ministry of the Environment Toronto, Ontario (Shore and inland situations)		
P.G. Belling	416-965-3237	416-424-3000
G. Kay	416-965-3237/2537	416-424-3000
	TLX 0623496	
	EMV ONTOR	
Joint Response Team, Toronto, Canada (When activated for U.S. - Canadian situations)		
Glenn Stewart, Reg. Dir., Coast Guard	416-369-3636	416-369-3058
Nick Vanderkooy, Alternate	416-369-2283	416-369-3058
Canadian Coast Guard, Central Region	TLX 0623317	
Transport Canada	MOT RDMS TOR	

Note: Canadian commercial telephone numbers can be reached via FTS by calling the Buffalo Operator at 8-437-4411 (FTS) or 716-437-4411 (Commercial)

1214 Government Information Centers

	OFFICE	OFF DUTY
* National Clearinghouse for Poison Control Centers, FDA Bureau of Drugs		
Emergency	8-443-6260 301-443-6260	Pittsburgh Poison Center 412-681-6669 (24 hr.)
* Office of Pipeline Safety Regulations DOT, Washington, DC		
Emergency	8-426-2392 202-426-2392	8-426-0700 202-426-0700

1215 Industrial Information Centers

	OFFICE	OFF DUTY
CHEMTREC, Chemical Transportation Emergency Center Chemical Manufacturers Association, Washington, DC		
Emergency	800-424-9300	800-424-9300
Administrative	202-328-4218	

ANNEX III

1300 REGIONAL RESPONSE CENTER

1301 Regional Response Center Location

1301.1 The Regional Response Center (RRC) for control of pollution by oil and hazardous substances is established at the EPA Region 5 office in Chicago, Illinois. The address and telephone number are:

	OFFICE	OFF-DUTY HOURS
EPA Region 5		
10th Floor 536 S. Clark St. Chicago, IL 60605	(312) 353-2318 FTS 353-2318	(312) 353-2318 (FTS) 353-2318

1302 RRC Purpose

1302.1 The purpose of the RRC is to provide physical facilities for coordination and control of a pollution emergency should regional-level involvement be required. The RRC is routinely manned by personnel of the Environmental Emergency Section.

1303 Responsibility for RRC

1303.1 The Regional Administrator, EPA, Region 5, shall provide the necessary communications and equipment. These will include:

(1) A continuously manned communication center for reports of discharges;

(2) Telephone branch lines;

(3) Teletypewriter circuits;

(4) The latest updated charts of the Departments of Commerce, Interior, and Defense for the U.S. waters; and

(5) Technical library on oil and hazardous substances pollution.

1303.2 The Participating agencies shall furnish competent technical personnel to staff the RRC as requested, furnish appropriate technical manuals and materials, and such additional administrative support as required to operate the RRC effectively and efficiently.

1304 Communications Services Available

1304.1 Telephone (voice) services available include:

(1) FTS (GSA operated government administrative telephone system);

(2) Normal Bell telephone system;

(3) Emergency reporting number which is monitored on a 24-hour basis: (312) 353-2318 (FTS) 353-2318.

1304.2 Teletypewriter services available include:

(1) Western Union (Teletypewriter exchange service linking CONUS-Continental United States-industry and government offices); it can be reached at (910) 221-5191

(2) GSA teletype net.

1305 U.S. Coast Guard Regional Response Centers

	OFFICE	OFF-DUTY HOURS
U.S. Coast Guard		
Ninth District	293-3944 or 3919(FTS)	293-3983
(FTS) Communications Center	216-522-3944(COM)	216-522-3983
(COM) Cleveland, OH	TLX 980145 USCG CLV	
Second District	279-4655 (FTS)	279-4655 (FTS)
Communications Center	314-425-4655 (COM)	314-425-4614 (COM)
St. Louis, MO	TLX 910-761-1168 USCG STL	

ANNEX IV

1400 GEOGRAPHIC BOUNDARIES

1401 Regional Areas

Region 5 has been divided into two operational areas, inland and coastal, corresponding to the areas in which the Environmental Protection Agency and the Department of Transportation are respectively responsible for providing On-Scene Coordinators. The inland regional area includes all the land territory of the six states of Region 5 including their inland lakes and rivers, and is the area to which this Plan addresses itself. The coastal regional area consists of the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. The coastal regional area of Region 5 is described in more detail in the contingency plan developed by the Ninth Coast Guard District. Local contingency plans are encouraged to be developed by state, local governmental, and/or private organizations for specific local areas within Region 5. These local plans would be connected to the alerting network of this Plan. A list of nonfederal plans are included in Annex XI.

1402 EPA Boundaries

Region 5 of the Environmental Protection Agency consists of the states of Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

Region 5 has a regional office in Chicago, three district offices located in Chicago, Cleveland, and Minneapolis, and response units in Detroit and Evansville. Region boundaries and district office boundaries are included in this annex.

1403 Department of Transportation Boundaries

The U.S. Coast Guard has portions of two districts in the Environmental Protection Agency, Region 5. The major portion of Region 5 is in the Ninth District, headquartered in Cleveland. The Second District, headquartered in St. Louis, covers the remaining portion of Region 5 and includes most of the Upper Mississippi River and Ohio River basins. Captain of the Port and District boundaries are included in this annex.

1404 Department of Defense Boundaries

The U.S. Army Corps of Engineers has portions of three divisions within the boundaries of EPA, Region 5. The Great Lakes portion of the region is in the North Central Division, headquartered in Chicago. The southern portion is in the Ohio River Division and a small portion is in the St. Louis District, Lower Mississippi Valley Division. Division and District boundaries are included in this annex.

1405 Department of Interior Boundaries

The Fish and Wildlife Service in Region 3, also known as the North Central Region, covers all of the EPA Region 5 area. Graphical regional boundary descriptions are included in this annex.

1406 Department of Commerce Boundaries

Under the Department of Commerce, NOAA, the National Weather Service Central Region, headquartered in Kansas City, MO, covers all the states of EPA Region 5 except Ohio. The state of Ohio is covered by the NWS Eastern Region, headquartered in Garden City, NY. The Eastern Region prefers that for situations involving the state of Ohio, direct calls be made to the Cleveland Weather Service Forecast Office.

1407 Federal Emergency Management Agency (FEMA) Boundaries

FEMA regional boundaries correspond to those of the EPA nationally since both agencies are organized under the Standard Federal Region system.

1408 Second Coast Guard District OSC Boundaries

The Coast Guard Second District is predesignated to provide the OSC on the following rivers, including a 10-mile band on each side of the river if the river is entirely within Region 5 or a 10-mile band on one side of the river where only that side is within Region 5:

Upper Mississippi River, Minneapolis-St. Paul, MN, to Cairo, IL
St. Croix River, mouth to mile 25
Illinois River, mouth to Lacon, IL
Kaskaskia River, mouth to New Athens, IL
Ohio River, Ohio-Pennsylvania boundary, mile 40.1, to Cairo, IL, mile 981.2
Muskingum River, mouth to Zanesville, OH, mile 75

The Coast Guard Second District is predesignated further to provide the OSC within Region 5 inside of a:

(1) 25-mile band around cities accommodating Marine Safety Offices:

St. Louis, MO
Minneapolis-St. Paul, MN
Paducah, KY
Louisville, KY
Cincinnati, OH
Huntington, WV

(2) 15-mile band around cities accommodating Marine Safety Detachments:

Davenport, IA
Peoria, IL
Evansville, IN
Marietta, OH

1409 Ninth Coast Guard District OSC Boundaries

The U.S. Coast Guard Ninth District is assigned the responsibility to provide OSCs for the open waters of the Great Lakes including Lake St. Clair, the interconnecting rivers, major bays, ports and harbors, and the tributary rivers to the limits of their navigability by large bulk carriers. As this is the coastal regional area of Region 5, a more detailed description of the OSC areas of responsibility is included in the Contingency Plan which has been developed by the Ninth Coast Guard District. The District Nine areas of OSC responsibility have been defined either in the Coast Guard's Chicago Coastal Region Plan or in various CG-EPA agreements developed from time to time. These areas are described in the test which follows.

Within EPA Central District Office Area

The Central District Office has an agreement, reached on November 12, 1970, with the USCG Chicago COTP, District Nine, which underscores the Coast Guard responsibility on Lake Michigan from the Wisconsin-Illinois state line to just west of Michigan City, Indiana (87° west). Inland bodies of water tributary to Lake Michigan were included in the Coast Guard area of responsibility as follows:

Burns Harbor

From the entrance south to the south end of the deep draft slip. Burns Waterway cannot be navigated by large bulk carriers and therefore is considered to be the responsibility of the Environmental Protection Agency.

Gary Harbor

The entire harbor.

Buffington Harbor

The entire harbor.

Indiana Harbor and Indiana Harbor Canal

From the harbor south along the Indiana Harbor Canal until it branches into the Lake George Branch and the Calumet River Branch.

(1) Lake George Branch

From "The Forks" west to the Baltimore & Ohio Chicago Terminal Railroad bridge at mile 2.94.

(2) Calumet River Branch

From "The Forks" south to the 141st Street (Columbus River) bridge at mile 2.50.

Calumet Harbor and Calumet River

From the mouth of the Calumet River south to "The Forks" mile 6.14, where it branches into the Lake Calumet Branch and the Little Calumet River.

(1) Lake Calumet Branch

From "The Forks" west to the temporary dike at the southern boundary of Lake Calumet.

(2) Little Calumet River Branch

From "The Forks," mile 6.14, to the junction with the Little Calumet River, mile 325.75, and its junction with the Calumet-Sag Canal, mile 319.5, not including any tributaries.

Calumet-Sag Canal

From its junction with the Little Calumet River, mile 319.5, to its junction with the Chicago Sanitary and Ship Canal, mile 303.5, no tributaries.

Chicago River

From the Chicago Harbor Locks to the North and South Branches, mile 1.58, including Ogden Slip.

(1) North Branch Chicago River

From "The Forks," mile 1.58, north to the Addison Street bridge, mile 331.5 (7.78 by Great Lakes Rules).

(2) South Branch Chicago River

From "The Forks," mile 1.58 south, including the South Fork, mile 5.4 (Great Lakes Rules), mile 321.4 (Western Rivers), to mile 321 where it joins the Chicago Sanitary and Ship Canal.

Chicago Sanitary and Ship Canal

From mile 321 south to junction with the Des Plaines River, mile 291, at the Lockport Lock.

Des Plaines River

From Lockport Lock, mile 291, south to the head of the Illinois River, mile 273, not including any tributaries.

Illinois River

From its head at the junction of the Des Plaines and Kankakee Rivers, mile 273, south to Lacon, Illinois, mile 189.

Waukegan Harbor

The entire facility.

In the event of a spill in an area in which the OSC responsibility is not immediately apparent, the Chicago COTP will assume this responsibility until such time as the Department of Transportation and the Environmental Protection Agency reach an agreement.

At a meeting on November 18, 1970, with the Milwaukee COTP personnel, agreement was reached which was similar to the one reached with Chicago COTP. Emphasized was the Coast Guard COTP Milwaukee responsibility on Lake Michigan from the Wisconsin-Illinois state line to just north of Washington Island, Door County, Wisconsin, where the Coast Guard responsibility falls to the COTP Sault Ste. Marie. Inland bodies of water, tributary to Lake Michigan, were included in the Coast Guard area of responsibility, starting from the Illinois-Wisconsin border and going northward, as follows:

Kenosha

Pike Creek to the Sixth Avenue bridge.

Racine

Root River to the Fourth Street bridge.

South Milwaukee

Oak Creek to the mouth.

Milwaukee

Kinnickinnic River to the South Kinnickinnic Avenue bridge.
Menomonee River to Pile 2 (east of 27th Street).
Milwaukee River to North Humboldt Avenue bridge.

Port Washington

Sauk Creek to Wisconsin Street bridge.

Sheboygan

Sheboygan River to Pennsylvania Avenue bridge.

Manitowoc

Manitowoc River to Chicago & Northwestern Railroad bridge.

Two Rivers

West Twin River to 16th and Madison Streets bridge.
East Twin River to 22nd Street bridge.

Kewaunee

Kewaunee River to Park Street bridge.

Algoma

Ahnapee River to Second Street bridge.

Marinette

Menomonee River to Dunlap Avenue bridge (Hw. 41 bridge).

Oconto

Oconto River to the turning basin.

Green Bay

East River to the Monroe Street bridge.

Depere

Fox River to the George Street bridge.

In his telephone call to the EPA Regional Office on November 17, 1972, Capt. Robert J. Bloxson, Sault Ste. Marie COTP, stated that his office could cover the Ford River, just below Escanaba, only to its mouth.

Minnesota Wisconsin Lake Superior Area and Duluth/Superior Harbor

In communications dated 12 February 1971 and 13 April 1971 from Lt. G.G. Bannan, Duluth COTP, U.S. Coast Guard District Nine, the following agreements were made:

Lake Superior

"The Captain of the Port Duluth will provide On-Scene Commanders for the open waters of Lake Superior including the interconnecting waterways, rivers, major bays, ports, harbors, and tributary rivers, to the limits of their navigability by large bulk carriers."

Duluth/Superior Harbor

"The Coast Guard will assume the responsibility for providing On-Scene Commanders in the Duluth/Superior Harbor to the mouths of all small tributary rivers and creeks entering into said harbor, plus the St. Louis River serviced by existing patrols and Aids to Navigation up to the highway bridge on route 23 at Fond du Lac, Minnesota."

Within EPA Eastern District Office Michigan Area

In its Great Lakes Coastal Region Oil and Hazardous Substances Contingency Plan, USCG District Nine defines lines of demarcation which have been agreed upon by both the Coast Guard and the Environmental Protection Agency Region 5 for the state of Michigan as follows:

Detroit COTP

Waterway	Head of Navigation
Au Gres River	Undetermined
Au Sable River	Dam, seven miles above mouth
Bad River	Upper city limits of St. Charles
Belle River	2,800 feet above northern limits of Marine City
Black River St. Clair County	Oxbow Bend, seven miles above mouth
Clinton River	Gratiot Avenue highway bridge, Mt. Clemens
Detroit River	Navigable throughout
Ecorse River	Highway bridge 400 feet above mouth
Huron River	State highway bridge at Flat Rock
Kawkawlin River	Mighigan Central R.R. bridge at Kawkawlin, about four miles above mouth
Lake Erie	Navigable throughout
Lake Huron	Navigable throughout
Lake St. Clair	Navigable throughout
La Plaisance Creek	La Plaisance Road bridge
Pigeon River	Upper village limits of Caseville, 1/2 mile above mouth
Pine River St. Clair County	Detroit Port Huron R.R. bridge, three miles above mouth
Pinnebog River	Junction with creek, 1/2 mile above mouth
Raisin River	M.C.R.R. bridge at Monroe, 2-1/2 miles above mouth
Rouge River	Greenfield Road bridge at Dearborn
Saginaw River	Navigable throughout
St. Clair River	Navigable throughout
Sebewaing River	Pere Marquette R.R. bridge, 1/2 mile above mouth
Shiawassee River	Junction with Bad River

Muskegon COTP

Waterway	Head of Navigation
Betsie River	Head of Betsie Lake, Frankfort, 1/3 miles
Black River Ottawa County	Head of Black Lake at Holland, 5.75 miles from Lake Michigan
Black River Van Buren County	From the mouth to the Dyclanan Avenue bridge in South Haven, 0.88 miles upstream
Grand River	From the mouth to the end of the dredged channel at buoy 76 miles upstream
Hamlin Lake	Navigable throughout
Kalamazoo River	From the mouth to the Saugatuck/Douglas highway bridge, 2.80 miles upstream and including Kalamazoo Lake
Lake Betsie	Navigable throughout
Lake Macatawa	Navigable throughout
Lake Michigan	Navigable throughout
Mona Lake	Navigable throughout
Muskegon Lake	Navigable throughout
Pere Marquette Lake	Navigable throughout
Portage Lake	Navigable throughout
Spring Lake	Navigable throughout
Trail Creek	From the mouth to the Franklin Street bridge in Michigan City, IN, 0.5 miles upstream
White Lake	Navigable throughout

Sault Ste. Marie COTP

Waterway	Head of Navigation
Bellaire Lake	Navigable throughout
Burt Lake	Navigable throughout

Carp River Leelanau County	Leelanau, dam 400 feet above mouth
Charlotte River	Country Road bridge, 1/3 mile above mouth
Cheboygan River	Navigable throughout
Clam Lake	Navigable throughout
Crooked Lake	Navigable throughout
Crooked River	Navigable throughout
Elk Lake	Navigable throughout
Indian River	Navigable throughout
Intermediate Lake	With connecting waters to the east arm of Grand Traverse Bay, including Bellaire Lake, Clam Lake, Torch Lake, Round Lake, and Elk Lake
Kent Lake	Navigable throughout
Lake Charlevoix	Navigable throughout
Lake Huron	Navigable throughout
Lake Michigan	Navigable throughout
Lake Superior	Navigable throughout
Leelanau River	Dam 400 feet above mouth
Little Lake	Navigable throughout
Manistique River	Upper end of lumber slips at Manistique, 3/4 mile above mouth
Mullett Lake	Navigable throughout
Pine River Arenac County	Bridge, 1/2 mile above mouth
Pine River Charlevoix County	Upper end of both Arms, Charlevoix Lake, 15 miles above mouth
Round Lake	Navigable throughout
St. Mary's River	Navigable throughout
Tahquamenon River	Lower falls, about 16 miles above mouth
Thunder Bay	Dam near upper city limits of Alpena
Tittabawassee River	Upper city limits of Midland
Waiska River	D.S.S. & A.R.R. bridge, 3/4 mile above mouth

Within EPA Eastern District Office Ohio Area

The following tabulation designates the Coast Guard District Nine OSC areas of responsibility for the Ohio portion of Lake Erie:

Toledo COTP

Lake Erie from Toledo east to Vermilion River:

Cleveland COTP

Lake Erie from Vermilion River eastward to the Ashtabula-Lake County line.

Black River

The lower three miles to the south end of the turning basin at the National Tube Division of U.S. Steel Corporation.

Cuyahoga River

The lower 5.8 miles to a line at the Norfolk and Western Railroad bridge between Jones and Laughlin and Republic Steel mills.

Grand River

The lower 1.7 miles of the river to a line at the Baltimore and Ohio Railroad swing bridge.

Buffalo COTP

Lake Erie from the Ashtabula-Lake County line to the Ohio-Pennsylvania state line.

Ashtabula River

The lower 9,300 feet to a line over the river at East 23rd Street.

Conneaut River

The lower 3,400 feet to a line at the Bessemer and Lake Erie Railroad swing bridge crossing the river at the Pittsburgh and Conneaut Dock Company.

1410 Corps of Engineers North Central Division OSC Areas

The U.S. Army Corps of Engineers North Central Division are On-Scene Coordinators within the approaching guide walls and chamber of a lock structure. The Corps will provide assistance to the OSC at other points with whatever resources they have available in the area.

1411 Corps of Engineers Lower Mississippi Valley Division OSC Areas

The U.S. Army Corps of Engineers Lower Mississippi Valley Division, St. Louis District, are On-Scene Coordinators within the limits of the upper and lower approach points of each navigation structure. The Corps will provide assistance to the OSC at other points with whatever resources they have available in the area.

1412 Corps of Engineers Ohio River Division OSC Areas

The U.S. Army Corps of Engineers Ohio River Division are On-Scene Coordinators within the limits of the upper and lower approach points of each navigation structure. The Corps will provide assistance to the OSC, when requested, at other points with whatever resources they have available in the area.

1413 U.S. Fish & Wildlife Service, North Central Region OSC Areas

The U.S. Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, North Central Region, are designated OSCs for national wildlife and fish hatchery refuges and immediately adjacent areas thereof. The Fish and Wildlife Service has defined critical areas in Region 5 which require special protection and this information is available to spill response agencies.

1414 Environmental Protection Agency Region 3 OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions 3 and 5, Region 3 spill response personnel will respond to spills in the main stem of the Ohio River from the Ohio-Pennsylvania boundary, mile 40.1, to the Kentucky-West Virginia boundary, mile 317.2. All spills to the Ohio River in the above-named stretch emanating from point sources in West Virginia will be handled by Region 3 personnel; those from point sources in Region 5 within 10 miles of the river will be handled by the USCG District Two personnel.

In the event that a Regional Response Team would have to be called out, USCG District Two would be involved along the entire stretch of the Ohio River.

1415 Environmental Protection Agency Region 4 Boundaries

By agreement reached by the Regional Administrators of Region 4 and 5, spill response personnel of Region 4 will respond in an OSC capacity to spills of oil and hazardous substances in the main stem of the Ohio River from the Kentucky-West Virginia boundary, mile 317.2, to its junction with the Mississippi River, mile 981.2. Spill to the Ohio River in the above-named stretch emanating from shoreline point sources in Kentucky will be handled by personnel of Region 4; those spills from shoreline point sources in Ohio, Indiana, and Illinois will be handled by personnel of USCG District Two. Region 4 will have the responsibility for assuring notification of downstream water users, including coordination with ORSANCO, when the spill is on the south shoreline, or in the main stem of the Ohio River; USCG District Two under agreement with Region 5 will have a like responsibility for assuring notification responsibility of downstream water users, including coordination with ORSANCO, when the spill is on the north shoreline of the river.

Region 4 and USCG District Two will enter into an agreement which will replace the earlier agreement which existed between Region 5 and USCG District Two regarding responsibility on the Ohio River on situations not otherwise covered in the paragraph above.

1426 Environmental Protection Agency Region 7 OSC Boundaries

By agreement on September 7, 1977, among representatives of Regions 5 and 7, Region 7 spill response personnel will respond to spills in the main stem of the Mississippi River between Cairo, IL, mile 0.0, and Keokuk, IA, Lock and Dam 19, mile 364.5; USCG District Two personnel will respond to spills in the main stem of the Mississippi River northward from Keokuk, IA, mile 364.5. All spills to the Mississippi River from point sources in Region 7 will be handled by Region 7 personnel; those from point sources in Region 5 within 10 miles of the river will be handled by the USCG District Two personnel.

In the event that a Regional Response Team would have to be called out, USCG District Two would be involved along the entire stretch of the Mississippi River, mile 0.0 northward to Latitude 46°20'. Northward from Latitude 46°20', the Mississippi River lies in USCG District Nine territory.

1417 Environmental Protection Agency Region 8 OSC Boundaries

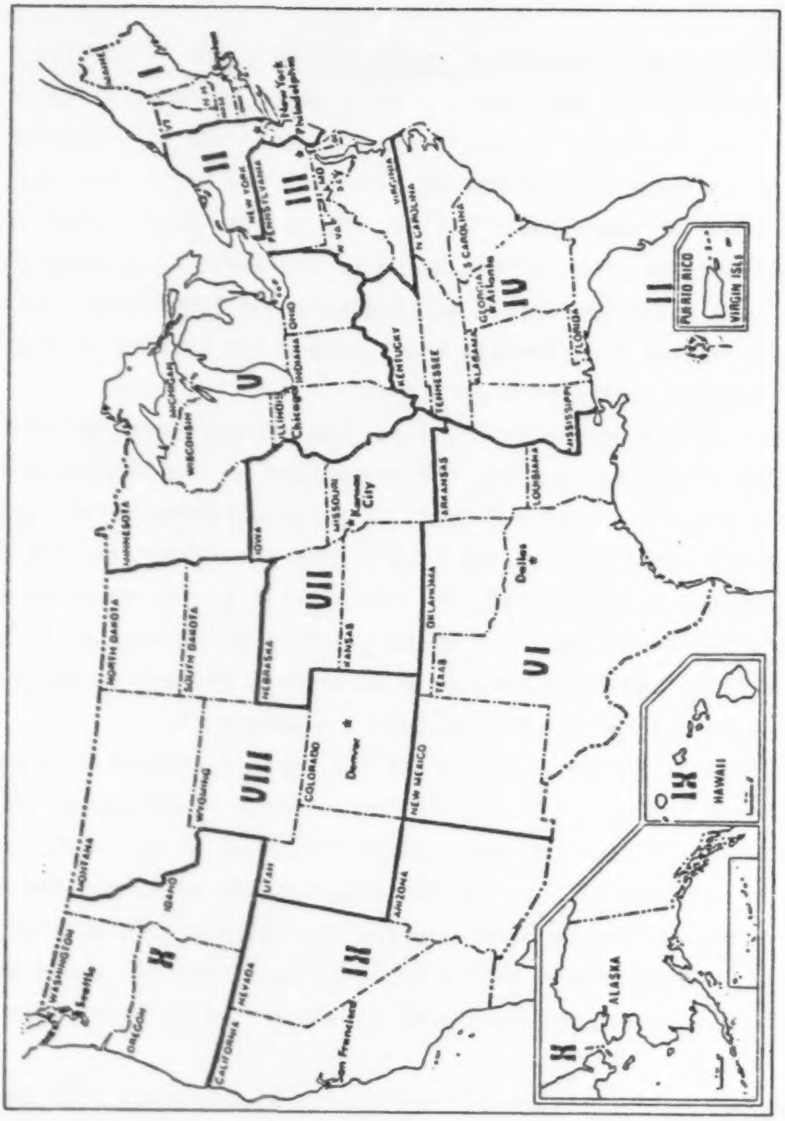
By agreement on September 7, 1977, among representatives of Regions 5 and 8, Region 5 spill response personnel will respond to spills in the main stem of the Red River of the North from its origin in Lake Traverse near Browns Valley, MN, to the Canadian border. All spills to the Red River of the North in the above-named stretch emanatiing from point sources in North Dakota and South Dakota will be handled by Region 8 personnel; those from point sources in Minnesota will be handled by Region 5 personnel.

South of the Browns Valley area, the boundary between South Dakota and Minnesota involves the headwaters of the Minnesota River flowing southward. Region 5 spill response personnel will respond to spills in the main stem of the Little Minnesota River and Big Stone Lake southward to Ortonville, MN. All spills to the above-named headwaters of the Minnesota River emanating from point sources in South Dakota will be handled by Region 8 personnel; those from point sources in Minnesota will be handled by Region 5 personnel.

The middle of the Red River of the North northward from Latitude 46°20' (near Breckenridge, MN) is the dividing line between USCG District Nine to the east and USCG District Two to the west. Southward from Latitude 46°20', the Red River of the North and the headwaters of the Minnesota River are entirely within USCG District Two territory. In the event that a Regional Response Team would have to be called out, the above-mentioned USCG territorial boundaries would apply.

Region 8 will provide communications as necessary with the Canadian Province of Manitoba on all spills occurring in waters flowing into Canada including those emanating from Region 5.

Spills from an unknown source will be treated as main stem spills until the source is identified.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MONTANA
WYOMING
UTAH
ARIZONA
COLORADO
NEW MEXICO
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
OKLAHOMA
TEXAS
MINNESOTA
IOWA
MISSOURI
ARKANSAS
LOUISIANA
WISCONSIN
MICHIGAN
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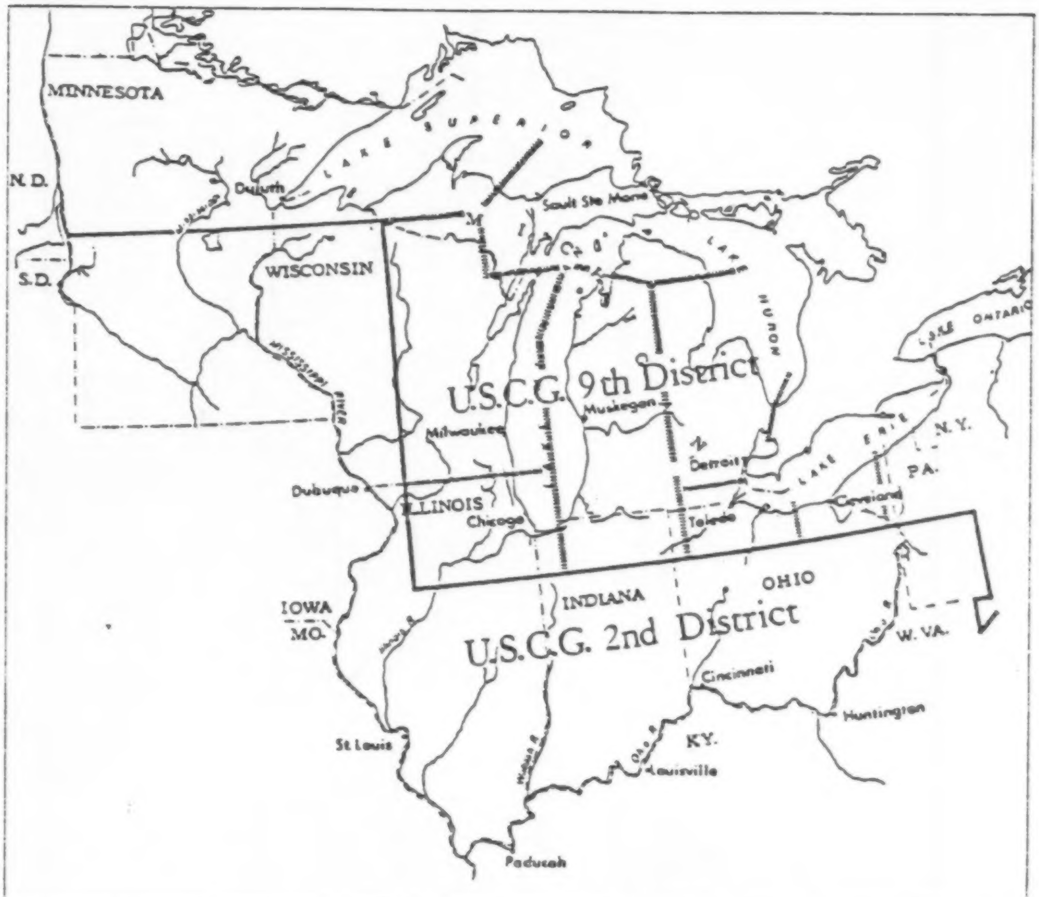
Figure A–IV–1 U.S. ENVIRONMENTAL PROTECTION AGENCY REGIONAL OFFICES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Sault Ste Marie
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U.S.C.G. 9th District
Milwaukee
Muskegon
Detroit
LAKE ERIE
N.Y.
PA.
Dubuque
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Toledo
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W. VA.
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Figure A–IV–3 U.S. COAST GUARD COPT CENTERS OF EPA REGION 5

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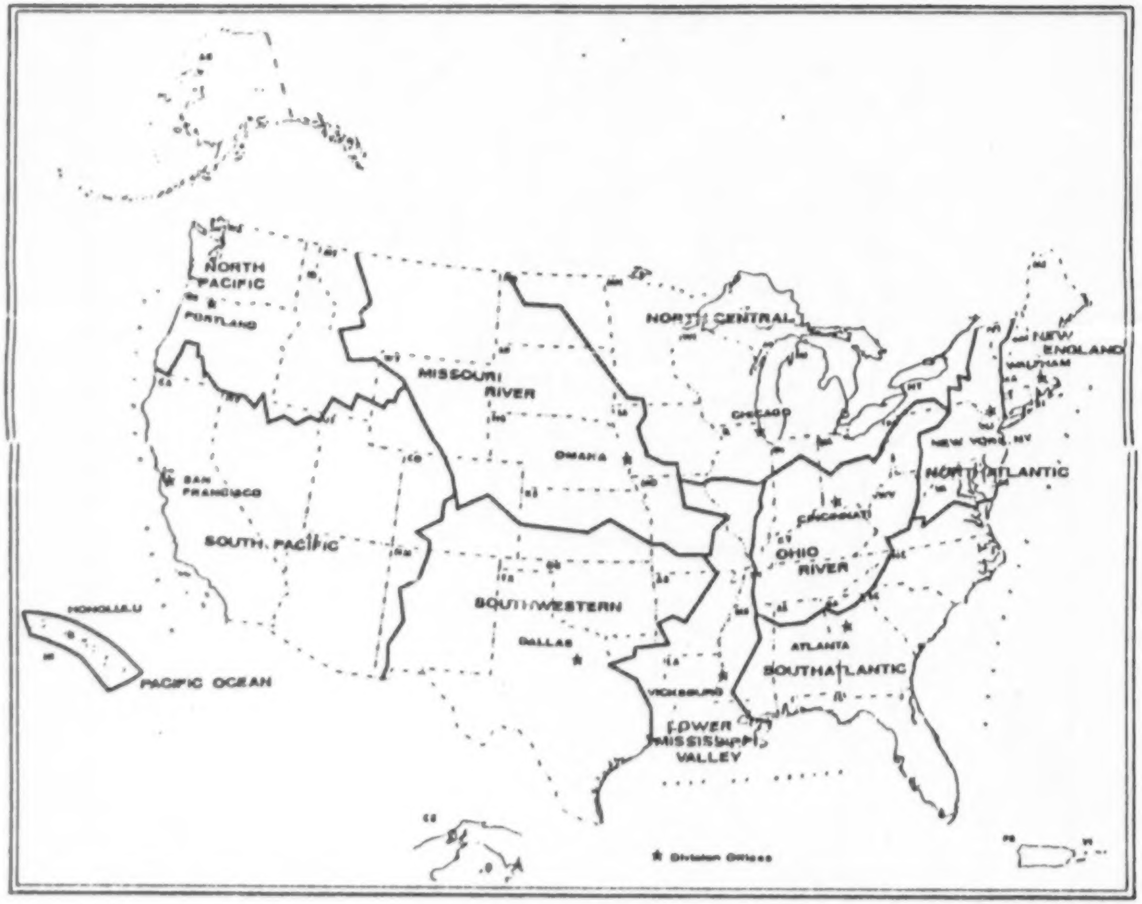
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SOUTH PACIFIC
SAN FRANCISCO
HONOLULU
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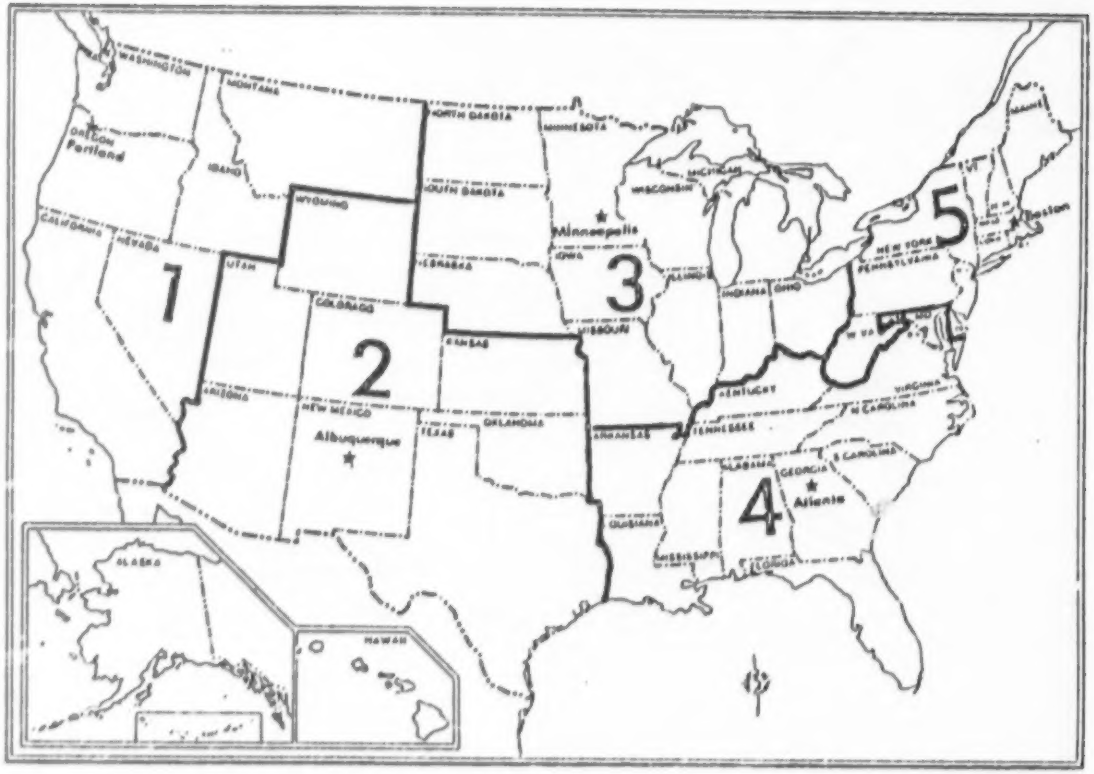
OMAHA
NORTH CENTRAL
CHICAGO
NEW ENGLAND
WALTHAM
NEW YORK, NY
NORTH ATLANTIC
CINCINNATI
OHIO RIVER
SOUTHWESTERN
DALLAS
VICKSBURG
LOWER MISSISSIPPI VALLEY
ATLANTA
SOUTH ATLANTIC
★ Division Offices

Figure A–IV–4 CORPS OF ENGINEERS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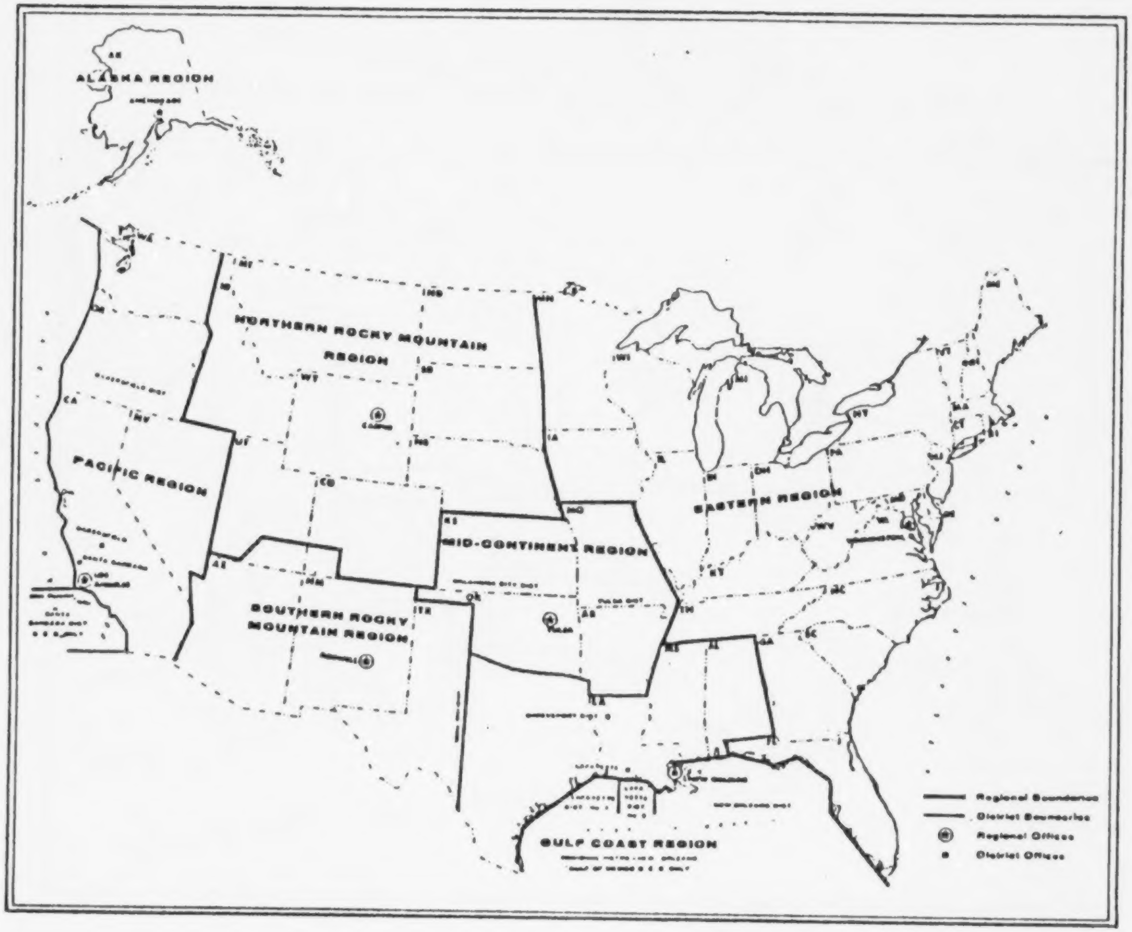
FLORIDA
ALASKA
HAWAII

Figure A–IV–5 FISH & WILDLIFE SERVICE REGIONAL OFFICES
U.S. DEPARTMENT OF THE INTERIOR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SOUTHERN ROCKY MOUNTAIN REGION
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GULF COAST REGION
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CT
Regional Boundaries
District Boundaries
Regional Offices
District Offices

Figure A–IV–6 U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION
BRANCH OF OIL AND GAS OPERATIONS

ANNEX V

1500 NOTIFICATION

1501 General

1501.1 The requirements for notification and reporting of spillage are dependent on the degree of severity of the occurrence. There are a number of factors that must be taken into account when determining the severity, including the reliability of the reporting source, the location, the quantity and type of material, and the proximity and nature of adjoining critical water use areas. Considering the degree of severity, the discharge should be classified as either a minor, medium, or major discharge. This initial classification will be used to determine notification procedures until the degree of severity can be confirmed.

1502 Notification Requirements

1502.1 Initial notification would be accomplished by telephone or teletype message. Messages should be in the POLREP format. Normally the agencies receiving initial notification would receive subsequent POLREPs pertaining to the case.

1502.2 Minor Spills. The OSC should report all minor spills to the Regional Response Center or the Subregional Response Center as appropriate. This may be accomplished by a teletype report titled POLREP ONE AND FINAL. Transmittal of minor spill reports will be made on a periodic basis to the Oil and Special Materials Control Division Headquarters in Washington, DC. If local government cleanup action is required, cognizant officials should be notified.

1502.3 Medium spills. The OSC should report all medium spills to the Regional Response Center and the Subregional Response Center. This should be accomplished as soon as practicable by teletype message or telephone. Transmittal of medium spills reports should be made on a continuing basis to the Oil and Special Materials Coastal Division Headquarters. Further notification will be accomplished by the EPA Regional Response Center as indicated by the situation.

1502.4 Major spills. The OSC should immediately report all major or potential major spills to the Regional Response Center and the Subregional Response Center. This should be accomplished immediately by telephone and verified by teletype message. The RRC should immediately notify the EPA Regional Administrator and the RRT. Transmittal of major spill reports should be made on a continuing basis to the Oil and Special Materials Control Division Headquarters by teletype message.

1503 National Level Telephonic Notification

1503.1 During working hours and after hours and on weekends and holidays, the NRC can be notified by contacting the Duty Officer, U.S. Coast Guard Headquarters, Washington, DC on 800-424-8802. Telephone notification received by the NRC will be evaluated by the Coast Guard member of the NRT. Notification of the remainder of the NRT will be considered when appropriate. Message reports to the NRT will be addressed as indicated in section 1514.2.

1504. Regional Response Team Notification

1504.1 Telephonic notification of all reports of a major or potential major spill and all pollution incidents received by the RRC will be evaluated by the EPA member of the RRT. Notification of the remainder of the RRT will be formally accomplished by the EPA member of the RRT if considered appropriate. However, individual agencies may elect to notify their respective RRT representatives through in-house communications channels upon learning of the details of the spill through the normal alerting procedures for the region. Any member of the RRT may activate the RRT upon examination of the spill details. Members may elect to assemble at the RRC, the site of the spill or any other mutually agreeable location. Telephone contact numbers of the RRT are included in Annex II.

1504.2 The RRT consists of representatives of the participating agencies and state and local government, as appropriate. For administrative purposes, the representative of the EPA will act as Chairman and the representative of the Coast Guard will act as Executive Secretary. On spill incidents occurring in Coast Guard OSC territory, the RRT would be chaired by a Coast Guard representative; on incidents in EPA territory, the RRT would be chaired by an EPA representative. Agency membership and access information are detailed in Annex II. Where an agency has more than one member listed on the RRT, the location and circumstances of a discharge will determine which member is activated. As appropriate, additional persons may be asked to work with the RRT in an advisory or consultative capacity. An RRT member should use, if appropriate, the advice and counsel of other persons from his own agency and other federal, state, local, and private agencies.

1504.3 The planning and preparedness functions of the team are outlined in section 304.6 .

1504.4 Response functions would be performed anytime the team is activated. The degree of response and therefore the extent of the RRT activity would depend on the particular situation. Specific functions of the RRT are outlined in section 304.9&10

1504.5 The RRC is the Regional Headquarters site for activities relative to pollution control emergency situations. The RRC is located at the Environmental Protection Agency Region 5 office, 536 S. Clark Street, Chicago, IL, 60605.

1504.6 The RRC will provide communications facilities, access to charts, technical publications, computer storage and retrieval, and other necessary physical facilities.

1505 Coordinated Response

1505.1 For spill incidents which exceed the capabilities of the region or transect the regional boundaries, communications will be established and maintained with the National Response Center (NRC) and appropriate RRC of the region which may be affected by an incident in Region 5. The 24-hour contact phone numbers of the NRC and RRCs bordering Region 5 are included in Annex II.

1506 General Alerting Procedure

1506.1 The predesignated OSCs will be notified through the general alerting procedure for Region 5. This procedure is graphically illustrated in Figure A-V-1. All spills should be immediately reported to the U.S. Coast Guard (either the appropriate Captain of the Port or District Communication Centers in St. Louis or Cleveland). If the District Communication Center is called first, the Center will notify the appropriate COTP. The Coast Guard COTP will notify immediate water users in the probable path of the pollutant and the appropriate EPA office. Since the EPA District, Corps District, and Coast Guard COTP offices are predesignated OSCs for specific aquatic areas of the region, these offices will notify their respective predesignated OSCs upon notification through the general alerting procedure. Additionally, the EPA District Office will notify the U.S. Fish and Wildlife Service predesignated OSC in the event that a spill is a potential threat to a wildlife refuge. The other participating agencies will be notified as necessary.

1506.2 The EPA District Office will alert the state and, where appropriate, the Canadian pollution control agency, the EPA regional office and, if warranted, appropriate federal agencies such as the National Weather Service. State water pollution control agencies will notify other appropriate state departments, such as Public Health, so that public water supply installations, known industrial water users, and local communities will be made aware of the situation. State field offices will be notified for on-site investigations.

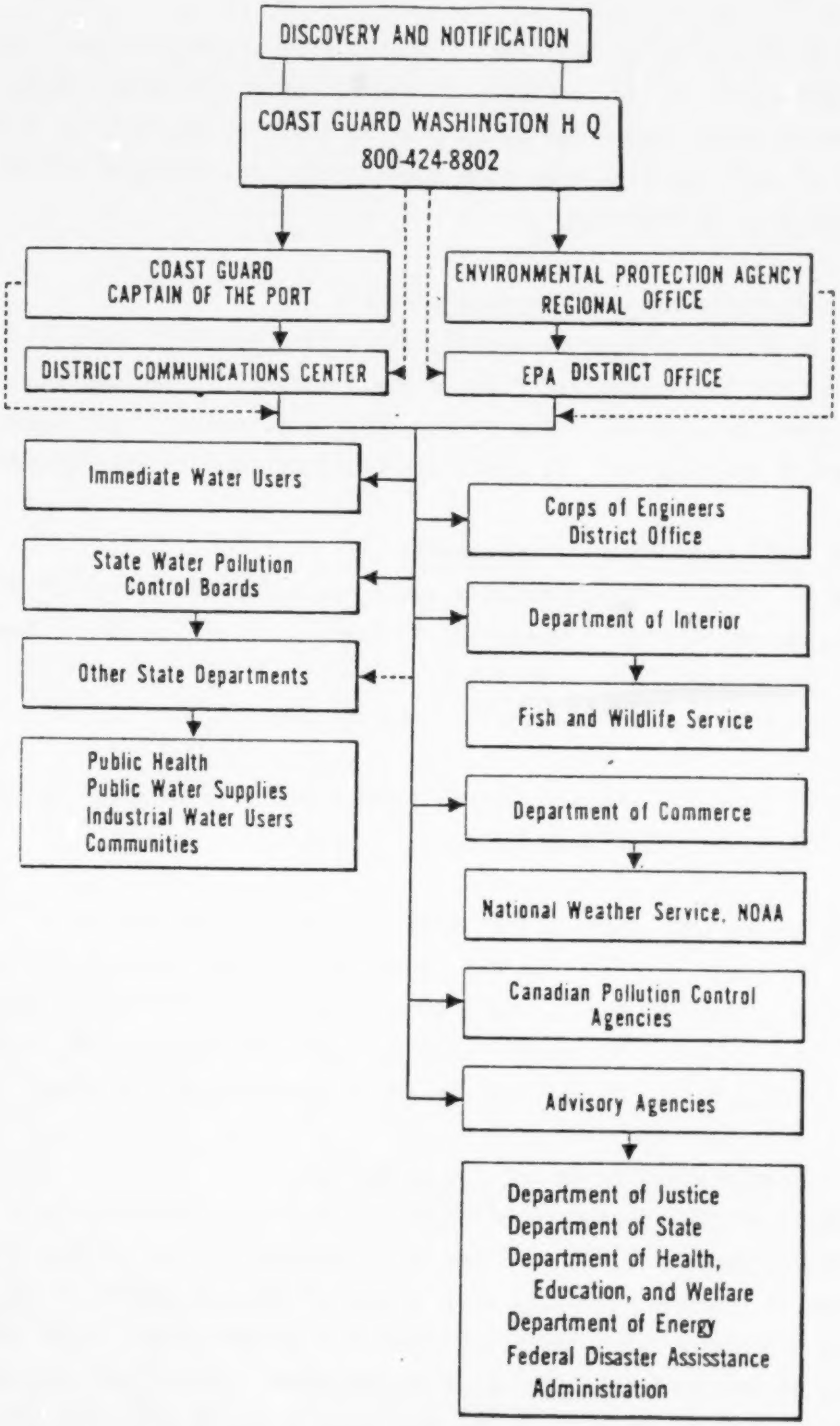
DISCOVERY AND NOTIFICATION
COAST GUARD WASHINGTON H Q
800-424-8802
COAST GUARD CAPTAIN OF THE PORT
ENVIRONMENTAL PROTECTION AGENCY REGIONAL OFFICE
DISTRICT COMMUNICATIONS CENTER
EPA DISTRICT OFFICE
Immediate Water Users
Corps of Engineers District Office
State Water Pollution Control Boards
Department of Interior
Other State Departments
Fish and Wildlife Service
Public Health
Public Water Supplies
Industrial Water Users
Communities
Department of Commerce
National Weather Service, NOAA
Canadian Pollution Control Agencies
Advisory Agencies
Department of Justice
Department of State
Department of Health, Education, and Welfare
Department of Energy
Federal Disaster Assistance Administration

Figure A–V–1 GENERAL ALERTING PROCEDURE

1506.3 The Corps of Engineers District Offices should notify lock and dam personnel, if appropriate, of the pollution incident. Observations by these people may be helpful in spotting and tracing the location of pollutants as they move downstream. The Division Office should also be notified.

1507 Alerting System Telephone Contacts

1507.1 A telephone alert system, which is operational on a 24-hour basis, has been established to notify officials of various agencies in the event of a spill in Region 5. Efforts to contact each agency noted in the plan will be continued until contact is established.

1508 Pollution Report Requirements

1508.1 Timely information on a spill including the situation and response activities is essential to the proper evaluation of the case. This information should be submitted in the POLREP format. The POLREP format is contained in Annex V, section 1515.

1508.2 Minor spills would normally be reported by the OSC in POLREP ONE AND FINAL. See section 1502.2.

1508.2 The OSC should submit timely POLREPs to the RRC on all moderate and major spills. The RRC is responsible for keeping the RRT advised. The RRT shall submit timely POLREPs to the NRT on major spills. This may be accomplished by double heading the OSC's POLREPs or by originating POLREPs by the RRT or a member of the team.

1509 Administrative Report Requirements

1509.1 At the conclusion of federal activity resulting from a pollution incident, any OSC involved will, pursuant to applicable instructions of his own agency, submit an administrative report of the incident and the actions taken. Copies will be furnished to the NRT or RRT, as appropriate, together with any other information available to the forwarding group. The NRT will then evaluate each incident and will make appropriate recommendations.

1509.2 In addition to the report required for pollution incidents, any spill which indicates a need for amendment to the plans, introduces new control techniques, or is otherwise of widespread interest, should be documented and reported to the RRT and/or NRT as appropriate.

1509.3 The primary purpose of these reports is the evaluation of control techniques and federal response activities. Lengthy narrative is not required for an understanding of the problems, and recommendations need not be included. Sufficient descriptive information should, however, be included to permit full evaluation of the report.

1510 Communication and Reports - Purpose

1510.1 The communications concerning an oil or hazardous substance discharge are an integral and significant part of the operations. The same precepts govern in these instances as do other operations in which the USCG, EPA, and other operating agencies are involved.

1511 Objectives

1511.1 The objectives of the communications and reports are:

(1) To speed the flow of information pertaining to pollution discharge;

(2) To relay advice, instructions, and reports pertaining to pollution discharge; and

(3) To provide for alerting, notification, surveillance, and warning of a pollution discharge.

1512 Communications Procedures

1512.1 Normal communications circuits of each primary agency may be used to effect this plan. The national and district or regional offices and telephone numbers of primary alerting and notification offices of interested agencies will be maintained in RRC.

1512.2 The initial reporting of a pollution incident will be in accordance with the information and format as described hereinafter.

1512.3 POLREPS on major discharges shall be submitted by RRT to NRT in a timely manner as developments occur and at 0800 and 2000 local time on each day of the operation.

1513 Pollution Reports

1513.1 Within 60 days after the conclusion of federal removal action resulting from a major pollution discharge, the OSC shall submit a complete report of the response operation and the actions taken. Copies will be furnished to the NRT or RRT, as appropriate, together with any other pertinent information available to the forwarding group. The NRT will evaluate each situation and make appropriate recommendations.

1513.2 The report required by 1504.1 above shall include:

(1) Description of the cause and initial situation.

(2) Organization of response action and resources committed.

(3) Effectiveness of response and removal actions by:

  (a) The discharger,
  (b) State and local forces,
  (c) Federal agencies and special forces.

(4) Unique problems encountered.

(5) Recommendations on:

  (a) Means to prevent reoccurrence,
  (b) Improvement of response actions,
  (c) Changes in National or Regional Contingency Plans.

1514 Message Addressees

1514.1 Messages intended for the National Response Center should be addressed to the Commandant, U.S. Coast Guard.

1514.2 Messages intended for the National Response Team should be addressed for action to the Commandant, U.S. Coast Guard, via one of the following services:

TWX: 710-822-1959 CG DOT WSH
Telex: 892427 COAST GUARD WSH
Telephone: 8-426-1830 (FTS)
202-426-1830 (Com)
800-424-8802 (Com)

Information addressees include:

Department of Transportation, Washington, DC
Environmental Protection Agency, Washington, DC
Department of Defense, Washington, DC
Department of Interior, Washington, DC
Department of Commerce, Washington, DC

1514.3 Messages intended for the Regional Response Team should be addressed to the Regional Administrator, Environmental Protection Agency, Region 5, 536 S. Clark Street, Chicago, IL, 60605, for action. Information addressees include:

U.S. Coast Guard
Ninth District Headquarters, Cleveland, OH

U.S. Coast Guard
Second District Headquarters, St. Louis, MO

U.S. Army Corps of Engineers
North Central Division, Chicago, IL

U.S. Army Corps of Engineers
Lower Mississippi Valley Division, Vicksburg, MS

U.S. Army Corps of Engineers
Ohio River Division, Cincinnati, OH

U.S. Fish and Wildlife Service
North Central Division, Minneapolis, MN

National Weather Service Office
Region 5, Chicago, IL

1515 POLREP Format

1515.1 General Format. All messages pertaining to a spill should be in the situation report (POLREP) format. This POLREP format consists of five basic sections including the pollution, action, plans, recommendation, and status.

1515.2 Pollution. The pollution section should provide the full details on the spill including location, what happened, type and quantity of material, who is involved, extent of coverage, times, areas threatened, predicted movement, success of control efforts, and prognosis.

The type of material would include the general nature or characteristic such as persistent or nonpersistent oil, toxic material, or corrosive matter. If known, type would also include the specific nature of the material, i.e., gasoline, benzene, sodium cyanide, or sulfuric acid.

1515.3 Action. The action section should include a summary of all actions taken by the responsible party, state and local forces, the federal government, or by others.

1515.4 Plans. The plans section should include all planned action by the responsible party, state and local forces, the federal government, and any others.

1515.5 Recommendations. Any recommendations that the OSC has pertaining to the response should be included in this section.

1515.6 Status. The status section would indicate case closed, case pends, or federal participation terminated, as appropriate.

1515.7 General Instructions. The minimum information that should be included in a POLREP ONE AND FINAL includes specific location, spill size, specific nature (if unknown, general nature), source, and general location.

The initial POLREP for medium and major spills should be sent as soon as possible and should include as much of the information concerning the case as is immediately available. Transmission of the POLREP should not be delayed to obtain information not immediately available. Such information should be included in subsequent POLREPS.

1516 EPA Communications System. EPA Region 5 has available the following communications capabilities:

(1) TELEPHONE

(a) FTS-GSA operated governmental telephone system.

(b) Private telephone system.

(c) 24-hour response service is available at the regional office. Assigned members of the Environmental Emergency Section are on 24 hour alert status.

(2) TELETYPE

(a) TWX-teletypewriter exchange service linking CONUS industry and government offices.

(b) TWX-service fully operational in the regional office and district offices.

1517 Ninth District Coast Guard Communications System. The ninth Coast Guard District Office in Cleveland has available the following communications capabilities:

(1) TELETYPE

(a) TELEX: 980145 USCG CLV

(b) AUTODIN

(c) Private-line teletype

- District Net connecting District Office, Group Commanders and Air Stations.

- Various Group Nets connecting Group Offices with respective Group Units (can be bridged to District Office Circuit).

(2) RADIO TELEPHONE

- District Office, Group Offices, Ships, Aircraft, Boats, and Shore Stations are equipped for compatible radio telephone intercommunications. Equipment generally consists of AM transceiver and VHF-FM transceivers.

1518 Second District Coast Guard Communications System. The Second Coast Guard District Office in St. Louis has available the following communications capabilities:

(1) TELEPHONE SERVICE

FTS-GSA operated governmental telephone system integrated with private telephone system.

(2) TELETYPE COMMUNICATIONS

(a) TWX-teletype service, number 910-761-1168

(b) TWPL 100 wpm circuit to CG group offices in Leavenworth, KS, Owensboro, KY, Memphis, TN, Keokuk, IA, Paris Landing, IN, and St. Louis, MO.

(c) AUTODIN via ASC Gentile AFT (covered circuit). Routing indicator RUCIHLA.

ANNEX VI

1600 PUBLIC INFORMATION

1601 When a major pollution event occurs, it is imperative to give the public prompt, accurate information on the nature of the discharge and actions underway to mitigate the damage. Prompt disclosure of the facts helps to encourage cooperation by interested parties and to check the spread of misinformation. National and regional administration policy and the Freedom of Information Act both call for maximum disclosure of information.

1602 During pollution discharge incidents of special public interest, the OSC may request the assistance of a representative from the EPA Region 5 Office of Public Awareness.

1603 When the Inland RRT is activated, a regional news office will be established which will be the single source of official information on a pollution incident. The office will be staffed through the EPA Region 5 Office of Public Awareness. Any participating agency may, by request to the RRT, place a representative on the staff of the news office. The OSC shall determine location of the regional news office, but every effort should be made to locate it near the scene of the pollution incident.

1603.1 Details of regional news office functions are outlined in 1510.37 (c) of the National Plan.

1604 During a major pollution incident or threatened incident, the OSC or the Regional News Office may obtain help from a USCG Public Information Assistance Team (PIAT) consisting of members trained in journalism, public relations, and photography. Team members are also familiar with pollution response techniques and equipment, and the laws and regulations pertaining to pollution incidents. The PIAT, housed at USCG Headquarters, can be requested through the NRC.

ANNEX VII

1700 LEGAL AUTHORITIES

1700 Legal Authorities

1700.1 Federal statutes relative to control of pollution by oil and hazardous substances are administered by several departments and agencies. The following is a tabular summary of the most important of these authorities:

STATUTE AND AGENCY(IES)

1711 Federal Water Pollution Control Act, as amended (33 USC 1251, et seq.), EPA, USCG, CORPS, Justice

1712 Safe Drinking Water Act amendment to the Public Health Service Act (42 USC 201); EPA

1713 Refuse Act of 1899 (33 USC 407;411); CORPS, USCG, Customs, Justice

1714 Toxic Substances Control Act, 1976 (42 USC 2601); EPA

1715 Resources Conservation and Recovery Act of 1976 (42 USC 6901); EPA

1716 Marine Protection, Research and Sanctuaries Act of 1976 (33 USC 1401 et seq.); EPA, USCG, NOAA, CORPS

1717 Hazardous Materials Transportation Act of 1974 (49 USC 1801 et seq.); DOT

1718 Ports and Waterways Safety Act as amended (33 USC 1221 et seq.); USCG

1719 Federal Insecticide, Fungicide and Rodenticide Act of 1972 (7 USC 121 et seq.); EPA

1720 Deepwater Port Act of 1974 (33 USC 1501 et seq.); DOT, DOI

1721 Outer Continental Shelf Lands Act, as amended (43 USC 1331); DOI, DOT

1722 Oil Pollution Act of 1961, as amended (33 USC 1001-1001.5); USCG, Customs, CORPS, State

1723 Endangered Species Act of 1973, as amended (16 USC 1531): FWS, NOAA

1724 Intervention on the High Seas Act (33 USC 1471-1487); USCG

1730 Related federal statues, not specific to oil and hazardous substances pollution control, but, nonetheless, applicable to discharge prevention snd cleanup in certain cases are:

1731 Disaster Relief Act of 1974; FEMA, all federal agencies

1732 U.S. Navy Ship Salvage Authority; U.S. Navy

1733 The Migratory Bird Treaty Act (16 USC 701-718); FWS

1740 Important International Conventions and Agreements relative to oil and hazardous substances pollution control and liability are:

1741 International Convention for the Prevention of Pollution of the Sea by Oil, 1954, and amendments

1742 Convention on the Territorial Sea and the Contiguous Zone

1743 Convention between the Government of the United States and the Government of Japan for the Protection of Migratory Birds in Danger of Extinction, and Their Environment

1744 Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter

ANNEX VIII

1800 DOCUMENTATION FOR ENFORCEMENT AND COST RECOVERY

1801 Introduction

1801.1 The OSC in charge at the scene of a discharge may be from any one of several agencies; it is necessary, therefore, to establish uniform procedures for notification of counsel and collection of samples and information consistent with the several phases in federal response situations. Necessary information and sample collection must be performed at the proper times during the federal involvement in a spill for the purpose of later use in identifying the party responsible for removal cost recovery. Time is of great importance since wind, tide, and current may disperse or remove the evidence and witnesses may no longer be available. Thus, during the response phases, the OSC must take the necessary action to ensure that information, records, and samples adequate for legal and research purposes are obtained and safeguarded for future use. Additional guidance can be found in EPA's "Field Detection and Damage Assessment Handbook."

1802 Notification of Counsel

1802.1 Immediately upon notification that a discharge has occurred which requires RRT participation, the RRT members shall notify their respective regional attorneys by the most expeditious means.

1802.2 Coordination of appropriate counsel will be effected by counsel of the department responsible for furnishing the OSC. Coordination will be for joint and several actions concerning legal matters regarding the operation of the Plan and for advising the owner or operator that a determination has been made under subsection 311 (c)(1) of the Act that removal is not being properly accomplished.

1802.3 The information and reports obtained by the OSC are to be transmitted to the RRC. Copies will then be forwarded to members of the RRT, and others, as appropriate. The representative of the Agency on the RRT having cost recovery authority will then refer copies of the pollution reports to his respective agency counsel.

1803 Legal Notice to Suspected Discharger

1803.1 The owner, operator, or other appropriate responsible person shall be notified of federal interest and potential action in a pollution discharge by the agency furnishing the OSC. This notice shall include advice of the owner or operator's liability for proper removal of the discharge in accordance with section 311 (f) of the Act; the need to perform removal in accordance with existing federal and state statutes and regulations, and this Plan; and identification of the OSC.

1804 Sample Collection Procedures to be Followed by OSC

1804.1 Several precautions must be observed when taking and handling liquid samples for analyses as the character of the sample may be affected by a number of common conditions. These precautions concern the following: a) the composition of the container, b) cleanliness of the container, and c) manner in which the sample is taken.

1804.2 In taking such samples, the following procedures are to be followed in all cases:

(1) Glass or other appropriate containers of suitable size shall be used. The portion of the closure (sealing gasket or cap liner) which may come into contact with the sample in the container is of considerable importance. When oil or petroleum hydrocarbons are to be sampled, the closure should be made of glass, aluminum foil, or teflon. Other pollutants may require different or special closure material and the analysis laboratory should be consulted whenever a question arises as to the appropriateness of any closure material.

(2) Previously unused containers are preferred. Containers that have been cleaned with a strong detergenmt, thoroughly rinsed, and dried may be used.

(3) Some explanatory notes covering the above procedures are as follows: a) glass containers always must be used because plastic containers, with the exception of teflon, have been found in some cases to absorb organic materials from water and, in other cases, compounds have been dissolved from plastic containers; b) as it is desirable to take a large sample of the pollutant, proper skimming techniques should be used to obtain a sufficient amount of oil for analysis; and c) since it is not unusual for a pollution condition to change rapidly, samples should be taken promptly, and the time sequences and places noted. Samples must be properly labeled.

(4) Consult with the analysis laboratory personnel relative to special samples and unusual problems.

(5) Samples collected are to be transmitted for analysis, using special courier or registered mail (return receipt requested) and observing the procedures outlined below. Reports of laboratory analysis will be forwarded to the appropriate RRT for transmittal to counsel.

1805 Photographic Records

1805.1 Photographs should be taken to show the source and the extent of pollution, if possible, using both color and black and white film. The following information should be recorded on the back of each photographic print: a) name and location of vessel or facility; b) date and time the photo was taken; c) names of the photographer and witnesses; d) shutter speed and lens opening; and e) type of film used and details of film processing.

1806 Chain-of-Custody Record

1806.1 All samples and other tangible evidence must be maintained in proper custody until orders have been received from competent authority directing their disposition. Precautions should be taken to protect the samples from breakage, fire, altering, and tampering. It is important that a chain-of-custody of the samples be properly maintained and recorded from the time the samples are taken until ultimate use at the trial of the case. In this regard, a record of time, place, and the name and title of the person taking the sample, and each person handling same thereafter, must be maintained and forwarded with the sample. Form No. FWPCA 208 (7-68) may be used. For major spills, samples may be forwarded for analysis to the Central Regional Laboratory, EPA Region 5, 536 S. Clark, Chicago, Illinois 60615.

1807 Spill Pollution Report

1807.1 The appropriate information for each pollution spill should be obtained by the OSC and reported in the appropriate format established by the Division of Oil and Special Materials Control, Washington, DC. Statements of witnesses, photographs, analyses of samples, and related documentation will be retained by the OSC for possible use in enforcement actions. In all major spills, the pollution incident report should be completed and forwarded to the RRT Chairman.

ANNEX IX

1900 FUNDING - SUMMARY

1901 Agency Funding

1901.1 EPA Headquarters, through the Oil and Special Materials Control Division (OSMCD), can provide the EPA OSC with funds to insure timely Phase II (initiation of action) response procedures. Funding of Phases III and IV shall be determined on a case-by-case basis by the OSMCD.

1902 Pollution Revolving Fund

1902.1 The OSC is authorized to obligate limited funding of timely discharge removal actions prior to receiving a Pollution Fund account number for Phase III (containment and countermeasures) and Phase IV (cleanup, mitigation, and disposal) response procedures. The appropriate USCG District Comptroller should be notified as soon as possible through the RRC for assignment of an account number:

(a) Commander
9th Coast Guard District
1240 East Ninth Street
Cleveland, Ohio 44199

Mr. Frank Roche
Contracting Officer
(216) 522-3973
(FTS) 293-3973

Capt. H.F. Norton Jr.
LCDR. Art Ruedisueli
(216) 522-3983
(FTS) 293-3982

(b) Commander
2nd Coast Guard District
1430 Olive Street
St. Louis, MO 63103

Mr. Dewey Barnett
Contracting Officer
(314) 425-4644
(FTS) 279-4644

Capt. Mathew Woods
CDR. G. T. Willis
(314) 425-4655
(FTS) 279-4655
Non-working Hours
(314) 425-4614

This request should be confirmed by teletype indicating the anticipated EPA costs subject to oil pollution fund reimbursement.

1902.2 Payments or Reimbursement from the Pollution Fund

1902.21 Reference: 40 CFR Part 153.407 (Federal Register, Vol. 41, p. 12633, March 25, 1976).

1902.22 The following costs incurred during performance of a Phase III or IV activity as authorized by the OSC are reimbursable to federal and state agencies:

(a) Costs found reasonable by the USCG incurred by government industrial-type facilities, including charges for overhead in accordance with the agency's industrial accounting system.

(b) Actual costs for which an agency is required or authorized by any law to obtain full reimbursement.

(c) Costs found to be reasonable by the USCG incurred as a result of removal activity that is not ordinarily funded by an agency's regular appropriations and that are not incurred during normal operations. These costs include but are not limited to the following:

Travel specifically requested of the agency by the OSC (per diem and transportation).

Overtime for civilian personnel specifically requested of the agency by the OSC.

Operating costs for vessels, aircraft, vehicles, and equipment incurred in connection with the removal activity.

Supplies, materials, and equipment procured for the specific removal activity and fully expended during the removal activity.

Rental of equipment

Contract costs

1902.23 The USCG may authorize direct payment of costs under paragraph 1902.22(c).

1902.24 The Fund is not available to any governmental entity for removal of a discharge originating from a vessel or facility it owns or operates.

1902.3 OSC Reports
1902.31 Reference: 40 CFR Part 153.415 (3-25-76)
1902.32 As soon as possible after completion of a removal action financed by the Pollution Fund, the OSC submits a report to the appropriate USCG District Office that must include:

(a) Names of agencies and contractors authorized to participate in the action;

(b) A general description of the function performed by each participating agency and contractor;

(c) An estimate of the cost of each function performed by each participating agency and contractor; and

(d) A copy of contracts, memoranda or other documents pertaining to the functions performed by the participating agencies and contractors.

1902.4 Reimbursement for Action Under 311(c) and (d) of the CWA

1902.41 Reference: 40 CFR Part 153.417.

1902.42 Each federal or state agency requesting reimbursement for a removal action must submit certain information to the appropriate USCG District Office, through the OSC for review and certification.

1902.5 State Reimbursement from the Pollution Fund

1902.51 Each state may predesignate OSC's and enter into agreement with U.S.C.G. districts for phase III & IV action and reimbursement from the Pollution fund. Memoranda of undertanding between the States and EPA Region V should precede any action related to EPA's area of responsibility.

1902.52 The state OSC will function in a manner similar to the federal OSC.

1903 Obligation of Funds

1903.1 The OSC shall exert adequate control of removal operations so that he can certify that reimbursement from the fund is appropriate.

1904 Planning

1904.1 Agency Funding Policies for Emergency Resource Use

The federal agencies represented on the RRT have access to sufficient financial resources to provide immediate assistance as requested by the OSC during federal spill containment and cleanup operations, with later reimbursement from the Pollution Contingency Fund.

ANNEX X

2000 CLEANUP TECHNIQUES AND POLICIES

2001 Guidelines

2001.1 Use of chemicals and other additives to remove oil and hazardous substances is discussed in Annex X of the National Plan. EPA has accepted a limited number of chemical and biological agents which the OSC is authorized to consider for use under Annex X of the NCP. These agents are listed in Table A-X-1.

2001.2 Cleanup effectiveness is directly related to the time interval between occurrence of a spill and commencement of cleanup operations. The longer it takes to contain a spill, the costlier is the cleanup.

2001.3 The discharger should use to the maximum extent possible mechanical methods and sorbents for the most effective and expeditious control and removal of oil and hazardous substances.

2001.4 "Mechanical removal" means the use of pumps, skimmers, booms, earth-moving equipment, and other mechanical devices to contain the discharged oil or hazardous substance and to recover the discharged materials from the water and/or adjoining shorelines.

2001.5 The removal of certain hazardous substances may be achieved using an EPA mobile water treatment system - Emergency Environmental

Response Unit (EERU). Requests are directed through the RRC to EPA Headquarters, Oil and Special Materials Control Division.

2001.6 "Sorbent" means materials essentially inert and insoluble used to remove oil and hazardous substances from water through a variety of sorption mechanisms. Examples include: straw, expanded pearlite, polyurethane foams, reclaimed paper fibers, and peat moss.

2001.7 The OSC is authorized to deny or require the use of specific mechanical methods and sorbents.

2001.8 Harmful effects of oil and hazardous substances deposited in marsh or swamp areas are difficult to mitigate by either physical removal or dispersion. Consequently, high priority should be given to the protection of these areas from contamination by means of containment booms and sorbent materials.

2001.9 Waterfowl and other wildlife must be protected from the effects of oil and hazardous substances. Defensive booms or barriers should be immediately implemented to protect wildlife.

2002 Disposal

2002.1 The preferred method for disposal of recovered oil is reclamation.

2002.2 If reclamation is not feasible, contaminated sorbent and oil-soaked debris should be incinerated if they are combustible. Such burning must be approved by state and local authorities. Burning in permanent municipal or industrial incinerators is preferred over burning in on-site temporary facilities. In all cases, the techniques used should be approved by the EPA Regional Administrator.

2002.3 The recovered oil may be considered for land application after the suitability of the site has been determined. Factors which should be considered are: climatological conditions, surface water runoff patterns, site location, soil characteristics, and toxicity of the oil.

2002.4 With heavier oils, non-combustible sorbents or sorbents which emit noxious fumes upon burning, or when land application is not feasible, disposal by burying may be employed after prior permission of local and state authorities, utilizing techniques approved by the EPA Regional Administrator.

2002.5 The preferred method for disposal of recovered hazardous substances is reclamation.

2002.6 If reclamation is not feasible, disposal actions should be determined on a case-by-case basis through the RRC or RRT and state and local authorities.

TABLE A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

Company	Name of Product	Chemical Agent	Date of Acceptance
Shell Oil Company Two Shell Plaza P.O. Box 2105, Houston, TX	Oil Herder	Surface Collector	September 16, 1976
Natural Hydrocarbon Elimination Company 5400 Memorial Drive Suite 812, Houston, TX	NOSCUM	Biological Additive	September 16, 1976
Whale Chemical Company 58 Winant St. Staten Island, NY	Seamaster, NS-555	Dispersant	June 6, 1977
Ara Chem, Incorporated 808 Gable Way El Cajhon, CA	Gold Crew Dispersant	Dispersant	August 31, 1977
GFC Chemical Company, 2539 Old Okeechobee Rd. West Palm Beach, FL	Atlantic-Pacific Oil Dispersant	Dispersant	September 19, 1977
Adair Equipment Company, Incorporated P.O. Box 19333 Houston, TX	Cold Clean	Dispersant	October 7, 1977
BP North America, Incorporated 620 5th Avenue New York, NY	BP-1100X	Dispersant	October 20, 1977

* Note "Approved" for use, "accepted" indicates only that required technical data from the product manufacturer have been submitted to EPA and that the OSC may consider using products on the list.

TABLE A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

Company	Name of Product	Chemical Agent	Date of Acceptance
Exxon Chemical Company 1333 West Loop South Houston, TX	Corexit 9527	Dispersant	March 10, 1978
Continental Chemical Company 270 Clifton Blvd. Clifton, NJ 07015	Conco Dispersant K	Dispersant	April 25, 1978
BP North America Incorporated 620 5th Avenue New York, NY	BP-1100 WD	Dispersant	May 11, 1978
U.S. Navy Naval Ship Engineering Center, Wash., DC	Oil Spill Remover	Surface Collector	August 31, 1978
MI-DEE Products, Inc. P.O. Box 4815 Hayward, CA	Slik-A-Way	Dispersant	October 5, 1978
Exxon Chemical 1333 West Loop South Houston, TX	Corexit 7664	Dispersant	November 1, 1978

TABLE-A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

Company	Name of Product	Chemical Agent	Date of Acceptance
Exxon Chemical Company 1333 West Loop South Houston, TX	Corexit 8667	Dispersant	November 1, 1978
Exxon Chemical Company 1333 West Loop South Houston, TX	Corexit OC-5	Surface Collector	November 1, 1978
Bioteknika International, Inc. 7835 Greeley Blvd. Springfield, VA 22152	Petrodeg 100	Biological Additive	December 15, 1978
Proform Products Corp. 230 California Ave. Palo Alto, CA 94306	Proform-Pollution Control Agent	Dispersant	May 9, 1979
Drew Chemical Corp. One Drew Chemical Plaza Boonton, NJ 07005	Ameroid Oil Spill Dispersant/LT	Dispersant	May 11, 1979
PolyBac Corp. Suite 304 1251 S. Cedar Crest Blvd. Allentown, Pennsylvania 18103	Petro Bac R	Biological Additive (salt water)	July 23, 1979
	Pheno Bac R	Bioligical Additive (fresh water)	July 23, 1979

TABLE A-X-1 EPA ACCEPTANCE LIST FOR CHEMICAL AND OTHER ADDITIVES

Company	Name of Product	Chemical Agent	Date of Acceptance
Arco Chemical Co. P.O. Box 370 Sand Springs, Oklahoma 74063	Arco Chem D-609	Dispersant	August 20, 1979
Aspra, Inc. 4401 23rd Ave. West Seattle, WA 98199	EC.O Atlantol AT-7	Dispersant	November 13, 1979

ANNEX XI

2100 ARRANGEMENTS FOR PARTICIPATION OF NONFEDERAL GROUPS

2101 Policy

2101.1 The policy of the federal government is to initiate discharge removal operations when required and action is not being taken by the discharger. State and local government agencies and private interests are encourged to participate in contingency planning and pollution response.

2101.2 State agencies are considered as full participating members of the RRT. The designated state agencies are invited to attend and provide input to all RRT planning meetings. Upon a potential or actual major, medium or minor oil or hazardous substance discharge the threatened or impacted state is immediately notified. For names and telephone numbers see Annex II page 16-20 and Annex XIII.

2101.3 Local government agencies have an interest and can provide expertise in ongoing pollution incidents. Local government agencies are encourged to coordinate with state agencies and provide local pollution contingency plans for inclusion in OSC Subregional Plans. For names and telephone numbers see Annex XIII

21-1.4 In many cases of pollution response, private organizations or individuals will volunteer to aid in mitigating effects of a pollution discharge. The OSC must be cognizant of the presence of any volunteers at the scene of a discharge. The OSC has ultimate discreation aid from the RRT in dealing with and controlling various factions of volunteers.

2101.5 The overall responsibility of the U.S. Fish and Wildlife Service is to provide the OSC with recommendations for protection of fish and wildlife resources, including endangered and threatened species and associated habitats. These recommendations are coordinated with respective state wildlife conservation agencies to insure protection of all wildlife resources for that particular area.

2101.6 Endangered and Threatened Species. The predesignated OSC shall, through the USFWS Regional Pollution Response Coordinator (RPRC) or designated Field Response Coordinator (FRC), provide the OSC with a list of endangered and threatened species, recommendations for protection of designated critical habitat, and other areas of particular environmental vulnerability. Additionally, the OSC should consult with particular state wildlife agencies for listing and protection of state endangered wildlife species.

2101.7 Waterfowl Protection. The contamination of waterfowl by oil has a high public impact which must be recognized by the OSC and the members of the RRT. Public interest inquiries, criticism, and demands for cleaning of affected birds can seriously hamper the OSC's ability to contain and remove the oil. Early inspection of impacted or potentially impacted areas known to be waterfowl habitat shall be made by the OSC, and at the first sign of waterfowl involvement or probable involvement, the OSC should contact the U.S. Fish and Wildlife Service Regional Pollution Response Coordinator and request that he organize and oversee the waterfowl proctection efforts. For large-scale bird contamination, the OSC should request activation of the RRT for assistance in this area. The U.S. Fish and Wildlife Service shall initiate and coordinate actions of professional and volunteer groups by establishing bird collection, cleaning and recovery centers.

2101.8 Department of the Interior
Pollution Response Coordinators

(a) James Kesel (NM, OK, TX)
U.S. Fish and Wildlife Service
North Central Region
Federal Building Fort Snelling
Twin Cities, MN, 55111
(612) 725-3536
(FTS) 725-3536

2101.9 Listed below are several private organizations which can provide assistance or information concering bird recovery, cleaning, and rehabailitation:

(A) International Bird Rescure Research Center
Aquatic Park
Berkley, CA. 94710
(415)841-9086 (24-hour number)

(B) American Petroleum Institute
2100 L. Street NWE
Washington, D.C. 20037
(202)457-7064

(C) Humane Society of the United States
2100 L. Street NW
Washington, D.C. 20037
(202)452-1100 (working hours)
(703)860-9386 (non-working)

(D) Suncoast Seabird Sanctuary
18323 Sunset Boulevard
Reddington Shores, FL. 33708
(813)391-6211 (24 hour number)

2101.10 The following are regional organizations which assist in organzing volunteer groups for the purpose od bird recovery, cleaning, and rehabilition. They are listed by state and alphabetical order of the town's name where they are active.

State of Illinois

Alton High School Environmental
Action Committee
2200 College St.
Alton, Il. 62035
(614) 463-2408 Larry Thompson

Eagle Valley Environmentalists
P.O. Box 115
Apple River, Il. 61001
(815) 594-2259 Terrence Ingram

Prarie Woods Audubon
P.O. Box 1065
Arlington Heights, Il. 60006
(312) 255-2054 Marvin Schwartz

Defenders of the Fox River Inc.
94 Otis Rd.
Barrington, Il. 60010
(312) 381-1672 Dr. J.C. Toompson

Illinois Wildlife Federation
P.O. Box 116
13005 S. Western Ave.
Blue Island, Il. 60406
(312) 388-3995 Ace Extram

Kankakee Area Audubon
P.O. Box 164
Bourbonnais, Il. 60914
(815) 932-5875 Diana Burns

Fulton County Citizens for
Better Health & Environment
Route #1
Canton, Il. 60520
(309) 647-0509 Melba Ripper

Cooperative Wildlife Research Lab
Carbondale, Il. 62901
(618) 536-7766

Coalition on American Rivers
P.O. Box 2667
Station A
Champaign, Il. 61820
(217) 384-5831 John Marlin

Educational Resources in
Environmental Science
117 N. Market St.
Champaign, Il.
(217) 351-1911 David Monk

Stundents for Environmental Concerns
1001 S. Wright
Champaign, Il. 61820
(217) 344-1351 Paige Kelso

Kyte Creek Audubon
Route #1
Chana, Il.
(815) 732-6059 Charles Swanson

Citizens for a Better Environment
59 E. Van Buren St. Suite 2610
Chicago, Il. 60605
(312) 939-1984

Ducks Unlimited, Inc.
P.O. Box 66300
Chicago, Il. 60666
(312) 299-3334 Kenneth McCreary

Environmental Law Society
University of Chicago Law School
111 E, 60th St.
Chicago , Il.
(312) 753-2401

Friends of the Parks
53.W. Jackson Blvd. Rm. 1006
Chicago, Il.
(312) 922-3307 Mary Decker

Great Lakes Chapter, Illinois Division
53. W, Jackson Blvd.
Chicago, IL.60604
(312) 431-0158 Ted Woodbury, Evelyn Lewert

Lake Michigan Federation
53 W. Jackson Blvd.
Chicago,Il 60604
(312) 427-5121

South Shore Railroad Recreation
109 N. Dearborn St.
Chicago, Il. 60602
(312) 641-5570 John Lane

Committee on the Middle Fork of
the Vermillion River
117 W, 14th St.
Danville, Il. 61832
(217) 443-2751 James Yoho

Vermillion Citizens Conservation League
433 Montclair
Danville, Il. 61820
(217) 442-2286 James Rockosh

Department of Biological Sciences
Environmental Biology Program
DeKalb, Il. 60115
(815(753-1753

Office of Environmental Studies
DeKalb, Il. 60115
(815) 753-0215

Cook COunty Clean Streams Committee
307 Grove Ave.
Des Plaines, Il. 60016
(312) 824-1979 Dave Dallmeyer

Southwest Chapter
40 Washington Rd.
Edwardsville, Il. 62625
(618) 656-8122 John McCall

Elmhurst Environmental Committee
410 Berkley
Elmhurst, Il. 60126
(312) 834-7357 Keith Olson

Epoch B of the Evanston
Environmental Association
2024 McCormick Blvd.
Evanston, Il. 60201
(312) 864-5181 Libby Hill

Illinois Audubon Society
295 Abbotsford Court
Glen Ellyn, Il. 60137
(312) 469-4289 E. Paul Mooring

Piasa Palisades Group
43 Kaskaskia Trail
Godfrey, Il. 62035
(618) 466-0656 R,H, Freeman

Society for the Proctection of
Endangered Wildlife (SPEW)
19351 W. Washington St.
Grayslake, Il. 60030
(312) 223-6601 Ron Riepe

Havana Chapter
317 W, Adams St.
Havana, Il. 62644
(309) 543-4662 Ralph Markley

Morgan County Audubon
1012 W. College
Jacksonville, Il. 62650
(217) 243-5676 Steve Tavender

Will County Chapter
P.O. Box 121
Joliet, Il. 60434
(815) 726-2207

Anxious Anglers Chapter
10145 McLean
Melrose Park, Il. 60164
Harriet Strehel

Illinois Society of Water Pollution
Control Operations
2408 3rd St.
Moline, Il. 61265
(309) 764-5861 Reuben Peterson

Environmental Committee
Monmouth College
Monmouth, Il. 61462
(309) 457-2351 Lyman Williams

North Suburban Sierra Club
W 242 Highland Terrace
Mundelein, I, 60060
(312) 566-6743 Irmeli Smith

Fort Dearborn Chapter
943 S. East Ave.
Oak Park, Il. 60304
(312) 383-0451 Katherine Sharf

Illinois Valley Community
College Environment Club
Ogelsby, Il. 61348
(815) 224=6011

Environmental Education
Association of Illinois
Box 299
Oregon, Il. 61061
(815) 732-7465 Malcolm Swan

Heart of Illinois Chapter
P.O. Box 3593, Glen Station
Peoria, Il. 61614
Stephen Lomax

Cook County Clean Streams Committee
536 N. Harlem Ave.
River Forest, Il. 60305
(312) 366-9420 Mary Boyer

Simissippi Audubon
320 S. 3rd St.
Rockford, Il. 61108
(815) 964-6666 Greald Paulson

Schuy-Rush Chapter
Rushville, Il. 62681
(217) 322-3054
Susan Green

Illinois Environemntal Council
407½ E. Adams St.
Springfield, Il. 62701
(217)544-5954 Sandra McAvoy

Boneyard Creek Commission
117 W, Elm St.
Urbana, Il. 61801
(217)328-3313 James Friedlander

Champaign County Audubon
103 W, Delaware
Urbana, Il. 61801
(217)367-3130 Helen M. Parker

Champaign County IWL
1 Illinois Circle
Urbana, Il. 61801
(217)344-5514 Harold Gordon
Committee Allerton Park
C519 Turner Hall
University of Illinois
Urbana , IL. 61801
(217)333-4864 J,D, paxton

Households Involed in
Pollution Solutions
1006 S, Orchard
Urbana, Il. 61801
Heather Young

Thornburn Environmental Concerns
(Awareness Center)
101 N, McCullough
Urbana, Il. 61801
(217)328-1948 Ruth Gladding

Audubon Council of Illinois
P.O. Box 302
Villa Park, Il. 60181
(312)627-8659 Raymond Mostek

Wayne Chapter
P.O. Box 441
Wayne, Il. 60184
(312)584-6290 Jean DeWalt

Du Page Audubon
P.O. Box 142
Wheaton, Il. 60187
(312)668-6369 Ed Fisher

McHenry COunty Audubon
P.O. Box 67
Woodstock, Il. 60098
Louis Culbert

State Of Indiana

Ashley Group
Route #1
Ashley, In. 46705
(219) 837-4154 Karen Griggs

Cardinal Chapter
Route #1, Box 205

Save the Dunes Council
P.O. Box 114
Beverly Shores, In, 46301
(219) 879-3937 or
(219) 926-2824
Charlotte Read

Environmental Systems Application
Center
School of Public & Environmental
Affairs
Bloomington, In. 47401
(812) 337-4556

Indians Public Intrest Research
Group (InPIRG)
406 N. Fess
Bloomington, In, 47405
(812) 337-7575 Tom Lukins

Lake Michigan Federation
P.O. Box 114
Beverly Shores, In. 46301
(219) 879-3937 or
(219) 926-2824
Charlotte Read

Porter County Chapter
1451 Haleywood Rd.
Chesterton, In 46304
(219) 926-4447 H.J. Steiner

Indiana Audubon Society Inc.
Mary Gray Bird Sanctuary
Route #6
Connersville, In. 47331
(317) 825-9788

State Chairman
3110 Cherry Tree Lane
Elkhart, In. 46514
(219) 266-9931 Joseph Colbourn

Knob & Valley Audubon
Skyline Dr. Route #3, Box 190
Floyds Knobs In. 47119
(812) 944-4425 Rosella Schroeder

Fort Wayne Chapter
306 Utility Blvd.
Fort Wayne, In. 46802
(219) 747-7846 Pat Bolman
(219) 743-4643 Frank Webster

Griffith Chapter
P.O. Box 33
Griffith, In. 46319
(219) 924-9646 Robert Mandernach

Community Environmental
Education Program
Purdue University, Calumet Campus
2233 171st St.
Hammond, In. 46323
(219) 844-0520 ext. 355 Elaine Kaplan

Amos W. Butler Chapter
3650 Cold Springs Rd.
Indianapolis, In. 46022
(317) 926-9456 Larry Peavler

Conservation Outdoor Education
Association of Indiana Inc.
Holcomb Research Institute
Butler University
Indianapolis In. 46206
(317) 283-9551 Sue Becker

The Institude of Ecology (TIE)
Holcomb Research Institute
Indianapolis, In. 46208
(317) 283-9551

Wildlife Society
Indiana Chapter
Room 607, State Office Bldg.
Indianapolis, In. 46202
(317) 633-7696 Russel Hyer

Wildcat Creek Federation INC
P.O. Box 855/316 Wildwood Lane
Lafayette, In 47905
(317) 448-1169 or
(317) 447-1505
Connie Wick

Advisory Committe to
The National Audubon Society
Route #1 Box 348
Lanesville, In 47136
(812) 952-2399

Hoosier Hill Chapter
Route #3 Box 329
Mitchell In. 47446
(812) 849-2072 Larry Goettel

Monroe Township Conservation Club
Route 4 Box C-71
Muncie, In 47302
(317) 288-1967 Jack Cronin

The Nature Conservancy, Indiana
Chapter
Route #1 Box 155
Nashville, In 47448
(812) 988-7547 Dennis Wolkoff

Environmental Action Group
Manchester College
North Manchester, In 46962
(219) 982-2141 Dr. William Eberly

Association of Interpretive
Naturalists
MichiganRegion XI
19151 Dresden Dr.
South Bend In 46637
(219) 284-9709 Frances Twitchell

South Bend Audubon
1333 Helmen Dr.
South Bend, In. 46615
(219) 288-3651 Phillip Wagner

Life Sciences Department
Sciences Bldg.
Terre Haute In. 47809
(812) 232-6311 ext 2435

Sycamore Audubon
P.O. Box 2514
West Lafayette, In. 47906
(317) 463-5927 Edwards Hopkins

Lake County Fish & Game
Protective Association Inc.
1343 119th St.
Whiting, In. 46394
(219) 659-6078 Charles Greskovich

Merry Lea Environemntal Center
P.O. Box 263
Wolflake, In. 46796
(219) 799-5869 Gary King

State Of Michigan

Environmental Law Society
112 Legal Research Bldg.
Ann Arbor, Mi. 48109
(313) 764-1817

Great Lakes & Marine Waters Center
2200 Bonisteel Blvd.
Ann Arbor, Mi. 48109
(313) 763-3515

Sea Grant Program
1st. Bldg. Rm. 4103
2200 Bonisteel Blvd.
Ann Arbor, Mi. 48109
(313) 763-3515 Dr. Alfred Beeton

Great Lakes Basin Commission
P.O. Box 999
3475 Plymouth Rd.
Ann Arbor, Mi. 48106
(313) 668-2300

Great Lakes Fishery Commission
1451 Green Rd.
Ann Arbor, Mi. 48105
(313) 662-3209

Huron River Watershed Council
415 W. Washington St.
Ann Arbor, Mi. 48103
(313) 769-5123 Roger Coop

Aurton Audubon
P.O. Box
Auston, Mi. 55912
(507) 433-3564

Pere Marquette Watershed Council
606 Bjornsen, Lot D-7
Big Rapids, Mi. 49307
(616) 796-6794 Edward R. Roberts

Groves Ecology Club
20500 W. 13 Mile Rd.
Birmingham, Mi. 48010
(313) 645-1366 Mr. Goetz

Petosky Audubob
9624 Cincinnati Trail
Conway, Mi. 49722
(616) 347-2825 Reg Sharkey

Dearbon Naturalists Association
4901 Evergreen Rd.
Dearborn, Mi. 48128
James Evans

Energy & Environment Information Project
4866 Third St. Rm 300
Detroit, Mi. 48202
(313) 577-3480

Environmental Law Society
School of Law
Detroit, Mi. 48226
(313) 961-1180

Capital Area Audubon
556 Gunson
East Lansing, Mi. 48823
(517) 332-1682 Rick Campbell

Insitute of Water Research and
Wastewater Management
334 Natural Resources Bldg.
East Lansing, Mi. 48824
(517) 353-3742
Dr. Thomas Burton, Dr. Darrell King

Earth Alive Inc.
30089 Fiddlers Green
Farmington Mi. 48018
(313) 476-5682 Nancy Kourtjian

Flint Environmental Action Team
939 Mott Foundation Bldg.
Flint Mi. 48502
(313) 239-0341 Linda Tapp

Benzie Audubon
3963 Raymond Rd.
Frankfort, Mi. 49635
(616) 352-4759 Richard Halbert

Izaak Walton Leaque of America
2300 Three Mile
Grand Rapids, Mi. 49505
Dr. Robert Hire, State President

Grand Rapids Junior College
Conservation Club
Life Sciences/143 Bostwick NE
Grand Rapids, Mi. 49502
(616) 456-4847 Kay Dodge

Holland Area Environmental
Action Council
P.O. Box 350-C
Holland, Mi. 49423
(616) 396-6096 Don Williams

Holland Fish & Game Club
75 E. 33rd. St.
Holland, Mi. 49423
(616) 396-4015 Vern Edwards

Institute for Environmental Quality
Holland, Mi. 49423
(616) 392-5111 Dr. D.H. Williams

Upper Peninsula Environmental Coalition
P.O. Box 34
Houghton, Mi. 49931
(906) 482-8276 Barbara Clark

Mackinac Chapter
26318 Dundee
Huntington Woods, Mi 48070
(313) 494-5502

Jackson Audubon Club
177 W. Mansion St.
Jackson, Mi. 49202
(517) 782-5327 Frank Anderson

Michigan Audubon Society
7000 N. Westnedge Ave.
Kalamazoo, Mi. 49007
(616) 381-1575

Northland Audubon
305 Lane Ave
Kingsford, Mi. 49801
(906) 774-2491 Martha Gertsch

Environmental Action of Michigan Inc.
409 Seymour
Lansing, Mi. 48933
(517) 484-7421 Alex Sagady

Harrison Environmental Consulting, Inc.
1526 Vermont Ave,
Lansing, Mi. 48906
(517) 487-1017

Carl G. Fenner Arboretum &
Environmental Education Center
2020 E. Mt. Hope Ave
Lansing, Mi. 48902
(517) 487-1425 Joan Brigham

Michigan Environmental Education
Association
414 Chesley
Lansing, Mi. 48917
(517) 3210412 Barb Nichols

Michigan Pure Water Council
424 Tiver St.
Lansing, Mi. 48933
(517) 485-6125 Martha Johnson

Michigan United Conservation
Clubs Inc.
P.O. box 30235
Lansing, Mi. 48909
(517) 371-1041 Thomas Washington

Michigan Wildlife Foundation
P.O. Box 30235
Lansing, Mi. 48989
(517) 371-1041 Richard Jamieson

Snell Environmental Group
1120 May St.
Lansing, Mi. 48906
(517) 374-6800 V.W. Langworth

Sea Grant Program
Department of Fish & Wildlife
Lansing, Mi. 48424
(517) 353-0647 Dr. Niles Kevern

Seaway Review
Harbor Island
Maple City, Mi 49664
(616) 334-3814 Jacques Les Strang

Trout Unlimited/Michigan
P.O. Box 2001
Midland, Mi 48640
(517) 496-3401 Robert Phillip

Lake St. Clair Advisory Committee
33134 N. River Rd.
Mount Clemens, Mi. 48045
(313) 463-2478 Ray Trombley

Environmental Services
Box 38. Warriner, C.M.U.
Mt. Pleasant, Mi. 48858
(517) 774-3822 Gail Gruewald

Save Our Lakes Inc.
2567 Minner Ave
Muskegon, Mi. 49441
(616) 755-4542 Ray Grennan

Shiawassee River Association
207 Miner Bldg.
Owosso, Mi. 48867
(517) 725-5181 James Miner

Pleasant Lake Audbon
P.O. Box 361
Pleasant Lake, Mi. 49272
Herbert Zernichow, State President

Oakland Audbon Society
2335 Pontiac Lake Rd. Suite 2C
Pontiac, Mi. 48054
(313) 356-2030 Dr. Daniel McGeen

Michigan Lake & Stream Associations
9620 E. Shore Dr.
Portage,Mi. 49081
Ceclie Harbour

Blue Water Audubon
c/o Port Huron Library
Port Huron, Mi. 48060
(313)987-5050 Bill Davidson

Bay de Noc Audubon Naturalists
Route #2 Box, 747
Rapid River Mi. 49878
(906)47409243 Alice Harbin

Au Sable River Watershed Study Council
504 Lake
P.O. Box 507
Roscommom,Mi. 48563
(517)275-5043 Willard Bosserman

Kirtland Audubon
Route 4, Box 59-A
Roscommon, Mi. 48563
Tom Dale

Lake St. Clair Anti-Pollution League
2333 Doremus
St. Clair Shores, Mi. 48080
(313)771-4480 Hal Southard

East Michigan Environmental Action
Council
1 Northfoeld Plazza
Troy, Mi. 48098
(313)879-6040 John Sobetzer

Student Environmental Action Council
Harry Morgan El
53800 Mound Rd.
Utica, Mi. 48087
(313)781-5529 Dolores Furesz

State Of Minnesota

Albert Lea Audubon
P.O. Box 8
Austin, Mn. Richard Smaby

Citizens Against Power Plant Pollution
P.O. Box 138
Becker, Mn. 55308
(612) 263-2793 Malcolm Olson

Bemidji State University
Department of Environmental Studies
Bemidji, Mn. 56601

Dr.C.V. Hobson IWL
1509 Birchmont Dr.
Bemidji, Mn. 56601
(218) 751-3556 Phillip Saucer

Minnesota River Valley Audubon
P.O. Box 20400
Birmingham, Mn. 55420
(612) 448-3685 Kathy Heidel

Minneapolis Chapter IWL
6601 Auto Club Rd.
Bloomington, Mn, 55438
(612) 944-1423

Society Concerned About a
Ravaged Environment (SCARE)
P.O. Box 303
Brookston, Mn 55711
(218) 879-6521 Leonard Anderson

Safari Club International
1528 Cliff Rd.
Burnsville, ,Mn. 55378

ECO-WATCH
P.O. Box 402
Carlton, Mn. 55718
(218) 384-3620 Jeff Lundell

Mississippi Clean/Minnesota Green
P.O. Box 785
Cass Lake, Mn. 56633
(218) 335-8875 Dick Neises

Dassel Area Environmental Association
Route 2, Box 276A
Dassel, Mn. 55325
(612) 275-2777 Lloyd Melvie

Duluth Audubon
c/o Biology Department
University of Minnesota
Duluth, Mn. 55812
(218) 726-7264 Karen Noyce

Duluth IWL
511 Woodland Ave
Duluth, Mn. 55812
(218) 724-6584 Thomas Bacig

Lake Superior Basin Studies Center
413 Administration Bldg.
Duluth, Mn. 55812
(218) 726-8542 Thomas Wood

Northern Lights Group
4123 Robinson St.
Duluth, MN. 55804
(218) 525-5402 Larry Forbes

Sea Grant Program
109 Washburn Hall
Duluth, Mn. 55812
(218) 726-8106 Dale Baker

Floodwood Fine Lakes
Concerned Citizens
Floodwood, Mn. 55736
(218) 476-2610 Einard Johnson

St. Cloud Group
814 Procter Ave.
Elk Grove, Mn. 55330
(612) 441-5559 Joe Plantenberg

Itasca Women's Chapter IWL
P.O. Box 363 Rt 1
Grand Rapids, Mn. 55744
(218) 326-2993

Cass County Chapter IWL
Hackensack, Mn. 56452
(218) 675-6569 Bette Green

Save Hiawathland, Inc.
P.O. Box 308
Kellogg, Mn. 55945
(507) 798-2547 Phyllis Mead

American Water Resources Association
St. Anthony Falls Hydraulic Lab
Mississippi River at 3rd Ave, SE
Minneapolis, Mn. 55414
(612) 376-5050 Dana Rhoads

Citizens League
84 S. 6th St.
Minneapolis, Mn. 55402
(612) 338-0791 Ted Kolderie

Ecological Society of America
Minnesota Chapter
5505 28th Ave S.
Minneapolis, Mn. 55417
(612) 722-9132 Barbara Gudmundson

Fargo-Moorhead Audubon
River Oaks, Route 3, Box 34-A
Moorhead, Mn. 55650
(218) 233-4377 Mary Bergen

Greater Minneapolis Girl Scouts
127 N. 7th St.
Minneapolis, Mn 55403
(612) 338-0721 Collen Edwards

Minneapolis Audubon
P.O. Box 566
Minneapolis, Mn 55440
Keith Sherck

Minneapolis Audubon
8840 W. River Rd. N
Minneapolis , Mn 55444
(612) 561-4557 Dorothy Breckenridge

Minnesota Division-Izaak Walton League
210 Ramar Bldg.
111 E. Franklin Ave
Minneapolis, Mn 55404
(612) 871-8705 Larry Schultz. President

Minneaota Environmental Sciences
Foundation Inc.
5430 Glenwood Ave
Minneapolis, Mn 55422
(612) 544-8971 Edward Hessler

Minnesota Waterfowl Association
P.O. Box 346
Minneapolis, Mn 55440
(612) 338-6761 Mary Vanden Plas

National Wildlife Federation
1825 Nevada Ave S
Minneapolis MN 55426
(612) 545-7555 Chuck Griffith

North Star Chapter
818 Midland Bank Bldg
Minneapolis, Mn 55401
(612) 332-7884

Project Environment
210 Ramar Bldg.
11 E. Franklin
Minneapolis, Mn 55404
(612) 332-7884 Carol Lee

Sierra Club
Midwest Representative
Jonathan P. Ela
444 W. Main St. Rm 10

Voyageurs National Park Association
P.O. Box 1452
Minneapolis, Mn 55440
(612) 251-3822 William Hoks

Freshwater Society
25oo Shadywood Rd. Box 90
Navarre, Mn 55392
(612) 471-8407 Christine Olsenius

New Ulm Chapter #79
P.O. Box 231
New Ulm, Mn 56073
(517) 354-2110 Stephen Akre

Association of Interpretive
Naturalists, Region V
Eastman Nature Center
14451 Elm Creek Rd.
Osseo, Mn 55369 Bobbie Gallup

Long Lake Conservation Center
Palisade, Mn 56469
(218) 768-4653

Red Wing Chapter #16
1010 E. 5th St
Red Wing, Mn 55066
(612) 388-2440 W.A. Zingnego

Business Women's Chapter IWL
7501 Lyndale Ave. S. Apt.101
Richfield, Mn 55423
(612) 861-3428 Mabel Rishovd

Rochester Chapter IWL
2403 17½ St. NW
Rochester, Mn 55901
(507) 288-3585 Jerry Brekhus

Wasioja Group
3914 Fifth Place NW
Rochester, Mn 55901
(507) 282-8501 Ray Schmitz

Heartland Group
202 First St. SE
St. Cloud, Mn 56301
(612) 253-5287 Alan Anderson

St. Cloud Environmental Council
Route 4
St. Cloud, Mn 56301
(612) 685-3365 Dr. John Peck

Citizens Against Throwaways
1045 Grand Ave
St. Paul, Mn 55105
(612) 298-0856 Frank Mabley

Clear Air, Clear Water — Unlimited
1708 University Ave. W
St. Paul, Mn 55104
(612) 646-0113 Rodney Loper

Environmental Balance Association
1030 Minnesota Bldg.
St. Paul, Mn 55101
(612) 222-1845 David Fradin

Greenpeace Foundation
2076 Goodrich Ave.
St. Paul, Mn 55101
(612) 690-4997 Irene Goldman

Minnesota Association of
Environmental Professionals
Suite 220, 2233 Hamline Ave N
St. Paul, Mn 55113
(612) 633-8997 John Robertson

Minnesota Conservation Federation
State Heafquarters
790 S. Cleveland Rm 218-c
St. Paul, Mn 55116
(612) 690-3077

Minnesota Environmental Citizens
Association
P.O. Box 80089
St. Paul, Mn 55108
(612) 646-0559 Marjory Christensen

Minnesota Environmental Education Board
P.O. Box 5, Centennial Office Bldg.
St. Paul, Mn 55155
(612) 296-2368 Karen Lochler

Minnesota Waste Association
1871 Unversity Ave. Rm 253
St. Paul, Mn 55104
(612) 646-2893 Barbara Kelly

Soil Conservation Society
Federal Bldg. Rm 200
St Paul, Mn 55101
(612) 725-7575 Wayne Oak

St. Paul Audubon
30 E. 10th St.
St. Paul, Mn 55101
(612) 227-8241 J.E. McDonald

Big Bend Group
1510 S. Third St
St. Peters, Mn 56082
(507) 931-3393 Joel Moline

Coalition of Rural Environmental Groups
Gustavus Adolphus College
St. Peter, Mn 56082
Wendell Bradley

Department of Geography
St. Peter, Mn 56082
(507) 931-4300 Robert Moline

Upper Mississippi River Basin
Commission
510 Federal Bldg.
Fort Snelling
Twin Cities, Mn 55111
(612) 725-4690 Neil Haugerud

Save Lake Superior Association
P.O. Box 101
Two Harbors, Mn 55616
(218) 53602396 Karen Carlson

Citizens For A Clean Mississippi
Route 1
Wabash, Mn 55981
(612) 565-4541 Mary Swanger

Carver IWL
33 W. Lake St.
Waconia, Mn 55387
(612) 442-2129 John Burns

Agassiz Chapter IWL
P.O. Box 8687
White Bear Lake, Mn 55110
(612) 429-1913 William Rust

Environmental Studies Center
St. Mary's College
Winona, Mn 55987
(507) 452-4430 Ext 228
Rory Vose

State Of Ohio

kron Group IWL
2079 Ingersoll Dr.
Arkon, Oh. 44320
(216) 745-5211 Howard Wilson

Portage Trail
2390 Kingsington Rd.
Arkon, Oh. 44313
(216) 666-4026 Harold Marsh

University of Akron
Center for Environmental Studies
302 E. Buchtel Ave
Akron, Oh. 44325
(216) 375-7991

Bowling Green State University
Environmental Intrest Group
124 Hayes Hall
Bowling Green, Oh. 43403
(419) 372-0207 Barbara Telccky

Ohio Audubon Council
4036 Cypress Rd. Ne
Canton Oh. 44705

reat Rivers Girl Scout Council
4930 Cornell Rd
Cincinnati, Oh. 45218
(513) 984-1025 Donald Wilkins

Miami Group
3689 Kendall Ave.
COnconnati, Oh. 45208
(513) 321-3187 Lynn Frock

Rivers Unlimited
French Park, 3012 Section Rd,
Cincinnati, Oh, 45246
(513) 631-3107 L.H. Fremont

University of Cincinnati
Laser Laboratory
Medical Center
Cincinnati, Oh. 45267

Cleveland Audubon
The Park Bldg.
140 Public, Oh 44114
(216) 861-5093 Irene Sonborn Hall

Division of Environmental Studies
983 E. 24th St.
Cleveland, Oh 44115
(216) 687-2132 Dr. Peter Gail

Institute for Environmental Education
8911 Euclid Ave.
Cleveland, Oh. 44106
(216) 791-1775 Joseph Chadbourne

John Carroll University
Department of Biology
Science Center
Cleveland, Oh. 44118
(216) 491-4251

Lake Erie Watershed Conservation
Foundation
1204 Superior Bldg.
Cleveland, Oh. 44114
(216) 696-334- George Watkins

Western Reserve Chapter
3577 Cummings Rd.
Cleveland Heights, Oh. 44118
(216) 932-3482 Seba Estill

Boy Scouts of America
Cnetral Ohio Council
1901 E. Dublin, Grandville Rd.
Columbus, Oh. 43229
(614) 436-7200 Kelly Wells

Central Ohio Group
501 S. High St
Columbus, Oh. 43215
(614) 224-8339 Tom Nagel

Columbus Audubon
1065 Kendale Rd N.
Columbus, Oh. 43220
(614) 451-4591 Lois Jeanne Day

Environmental Research and Action
1361 Francisco Rd,
Columbus, Oh. 43220
(614) 451-0610 Von Hill

League of Ohio Sportsmen
4330 Cline Rd. N.
Columbus, Oh. 43228
(614) 279-3444 Harry Armstrong

Ohio State University Group
Ohio Union, OSU
Columbus, Oh. 43210

Sierra Club-Ohio Chapter
65 S. Fourth St.
Columbus, Oh. 43215

Water Management Association of
Ohio
445 King Ave
Columbus, Oh. 43201
(614) 424-6101

Portage Trail Group
1230 Highbridge
Cuyahago Falls, Oh 44223
(216) 375-7174 Walter Sheppe

Tecumeh Group
413 Forest Park Dr 1-G
Dayton, Oh. 45050
(513) 275-0624 John Coover

Concerned Citizens of Deerfield
8465 St. Rt 224
Deerfield, Oh. 44411
Doris Carver

Lake Shore Erosion Committee
36681 Lake Shore Blvd.
Eastlake, Oh. 44094
(216) 942-7798 Chauncey Gantz

Surgar Creek Protection Society
P.O. Box 151
Elmore, Oh 43416
(419) 862-3386 Justine Magsig

Great Lakes Tomorrow
P.O. Box 1935
Hiram, Oh 44234
(216) 569-7015 Mimi Becker

Jackson County Environmental Committee
P.O. Box 134
Jackson Oh. 45640
Stephen Cochran

Institute of Environmental Sciences
Oxford, Oh. 45056
(513) 529-2732 Gene Willeke

Miami University
Institute of Environmental Sciences
Oxford, Oh. 45056
(513) 529-2732 Gene Willeke

Big Creek Civic Association
12423 Concord Hambden Rd
Painesville, Oh, 44077
(216) 357-7017 A,D. Buschamn

Cuyahoga Valley Association
P.O. Box 222
Peninsula, Oh. 44264
Milton Garrett

Salt Springs Group
417 S. Main St.
Poland, Oh. 44514
(216) 757-9225 Randall Jones

Shaker Heights Environment Comittee
3400 Lee Rd.
Shaker Heights, Oh 44120
(216) 752-5000

Shaker Lakes Regional Nature Center
2600 S. Park Blvd.
Shaker Heights, Oh. 44120
(216) 321-5935

Maumee Basin Group
2560 Key
Toeldo, Oh 43614
(419) 385-1326 John Starr

Toledo Naturalists Association
5121 Lerdo Rd,
(419) 885-2209 Larry Schlatter

Ohio Division Izaak Walton League
P.O. Box 724
Tiffin, Oh. 44883
(419) 477-7716 E.W. Schekelhoff

Stillwater River Association P.O. Box 355
P.O. Box 355
West Milton, Oh. 45383
(513) 473-2363 Lawerence Centliver

Buckeye Trail Association , Inc.
P.O. Box 254
Worthington, Oh 43085
(614) 885-7542 Robert Paton

Friends of the Earth
P.O. Box 498
Yellow Springs, Oh 45387
Randell George

Friend of Poland Forest
210 Nesbitt, St.
Youngstown, Oh 44514
J.M. MacIntosh

State Of Wisconsin

Appleton East Conservation
2121 Emmers Dr.
Appleton Wi. 54911
(414) 739-3121 Michael Funk

Natural Areas Preservation
2401 S. Merorial Dr.
Appleton, Wi. 54912
(414) 739-3161 ext 200 Gordon Bubolz

International Crane Foundation
City View, Wi 53915
(608) 365-3553 John Wiessinger

Wisconsin Friends of Animals, Inc.
1280 Webster Ave
Brookfield, Wi, 53005
(414) 782-5947 Betty Schmidt

Kettle Moraine Audubon
4990 Moches Rd.
Colgate, Wi. 53017
(414) 628-1680 S.A. Woll

Brown County Chapter
961 Hickory Ave
De Pere, Wi. 54115
(414) 336-4977 Betty Fisk

Izaak Walton League
Wisconsin State Division
861 Hickory Ave.
De Pere, Wi. 54115
(414) 336-4977 William Fisk

Fond Du Lac Audubon
308 Guindon Blvd.
Fond Du Lac, Wi. 54935
(414) 921-7192

Fort Atkinson High School
  Conservation Club
453 S, High St.
Fort Atkinson, Wi 55538
(414) 563-6159 Carlton Zentner

WCI Conservation Club
P.O. Box 147
Fox Lake, Wi. 53933
John Spanton

Washington County County Environmental
  Council
210 River Rd.
Fredonia, Wi. 53021
(414) 692-2491 Joan Rosenberger

Nicolet High School Outdoor Club
6701 N. Jean Nicolet Rd.
Glendale, Wi. 53202
(414) 352-7110 C.L. Kolb

Milwuakee River Restoration Council
461 Hillcrest Rd.
Gr-fton, Wi. 53024
(414) 377-7083 Bob Fuller

Brown County Conservation Alliance
1406 9th St.
Green Bay, Wi. 54304
(414) 494-3262 Kenneth Euers

Northeastern Wisconsin Audubob
Green Bay Wildlife Sanctuary
Sanctuary Road
Green Bay, Wi. 54302
(414) 468-7926 mike McFarlane

Wilderness Watch
P.O. Box 3184
Green Bay, Wi. 54303
(414) 499-9131 Jerry Gandt

Wisconsin Ecologiacl Society
P.O. Box 514
Green Bay, Wi. 54305
(414) 435-5544 John Wilson

Kettle Moraine Audubon
Hwy. 83 South
Hartford, Wi. 53027
(414) 673-5878 Bob Ahrenhoerster

Arrowhead Ecology Club
Arrowhead High School
Hartland, Wi. 53209
(414) 367-3611 Arthur Swanson

Central States Water Pollution
  Control Association
P.O. Box 808
Kenosha, Wi. 53141
(414) 652-4871 Frank Vilen

La Crosse Audubob
2216 State St.
La Crosse, Wi. 54601
(608) 782-5004 Phobe Soreenson

Center for Environmental Communications
and Education Studies
433 N. Murray
Madison, Wi. 53706
(608)262-2119 Prof. Clay Schoefeld

Citizens for a Better Environment
2 W. Mifflin St.
Madison, Wi. 53703
(608)251-2804 David Merritt

Friends of the Earth
2 S. Fairchild
Madison, Wi. 53703
(608)256-0565

National Audubon Society
North Midwest Region
142 W. Gorham
Madison, Wi. 53703
(608)251-9672 Steve Hiniker

The Nature Conservancy
1922 University Ave
Madison, Wi. 53705
(610)233-9721 Russell Van Herik

Water Resources Center
References Center
1975 Willow Dr.
Madison, Wi. 53706
(608)262-3069

Wisconsin Conservation Society/
Hunting & Fishing Club Coordinator
c/o Box 7921
Madison, Wi. 53702
(608)266-0920 Kenneth Coyle

Wisconsin Environmental Decade
114 E. Mifflin St.
Madison, Wi, 53703
(608)251-7020

Wisconsin Wetlands Association
2114 Van Hise Ave
Madison, Wi. 53705
(608)233-5433 James & Elizabeth Zimmerman

Red Center Lake Association
P.O. Box 77
Mikana, Wi 54875
(715)354-3840 Robert Saunders

Citizens for a Better Environment
Office
536 W. Wisconsin Ave.,Suite 502
Milwaukee, Wi. 53203
(414)271-7475 Tom Haas

Friends of Havenwoods, Inc.
P.O. Box 09384
Milwaukee, Wi. 53209
Cari Backes

Milwaukee Chapter
5832 N. Lake Dr.
Milwaukee, Wi. 53217
(414)332-3669 Miriam Dahl

University of Wisconsin Milwaukee
Center for Great Lakes Studies
P.O. Box 412
Milwaukee, Wi. 53201
(414)963-4196

Wisconsin Wildlife Federation
301½ Main St.
Mosinee,Wi. 54455
(715)693-2242

Dane County Environmental Council
Route 1
Mt. Horeb, Wi. 53572
(608)832-4880 Olive Thomson

Ecology Association of New Berlin
2970 S. 149th St.
New Berlin, Wi. 53151
(414)786-2247 Jim Blake

Citizens Natural Resources
Association of Wisconsin, Inc.
1520 Bowen St.
Ohskosh, Wi. 54901
(414)223-5527 Katherine Rill

Wisconsin Audubon Council
145 N, Eagle St.
Oshkosh, Wi. 54901
(414)235-1348 Vivian Brusius

Citizens for a Clean Mississippi
P.O. Box 61
Pepin, Wi. 54759
(715)442-4487

Clean
995 Seveth Ave.
Platteville, Wi, 53818
(608)348-4651 G.M. Freudenreich

Wisconsin Federation of Lakes
Route 3
Plymouth, Wi, 53073
(414)892-4995 Robert Schrameyer

Friends of the Mackenzie
  Environmental Center
204 E, Washington
Poynette, Wi. 53955
Mrs. Inge Lothe

Racine-Kenosha Citizens for the
  Environment
544 Mulberry Lane
Racine, Wi. 53402
(414) 639-3672 E. Sobel

Rhinelander Environmental and
  Ecology Club
P.O. Box 518
Rinelander, Wi. 54501
(715) 369-4437 Dr. Maura Gage

Friends of Sauk County
Route 1, Box 64
Rock Springs, Wi. 53961
(608) 522-4228 Laurence Phelps

Land Inc.
Route 1
Rudolph, Wi. 54475
(715) 423-7996 Naomi Jacobson

Monroe County Environmental
  Proctection League
418 E. Main
Sparta, Wi. 54656
(610) 269-6205 Dr. Wolfred Beaver

National Association of
  Conservation Districts
1025 Clark St.
Stevens Point, Wi. 54481
(715) 341-1022 William Horvath

Portage County Preservation Projects
3119 Post Rd.
Stevens Point, Wi. 54481
(715) 344-6505 Rosemary Rossier

Wisconsin Cooperative Fishery Research
CNR#118
Stevens Point, Wi. 54481
(715) 346-2178 Daniel Coble

Wisconsin Association for
  Environmental Education
125 W. Kohler St.
Sun Prairie, Wi. 53590
(608) 837-8176 David Engleson

Center for Lake Superior
  Environmental Studies
McCaskill 104
Superior, Wi. 54880
(715) 392-8101 ext. 315
Dr. Donald Bahnick

Citizens Natural Resources
Associations of Wisconsin INC.
6537 Revere Ave
Wauwatosa, Wi. 53214
(414) 258-0077 Fred Ott

Milwaukee Audubon
12259 Underwooh Pkwy.
Wauwatosa, Wi. 53226
(414) 453-5640 Dorothy Kassilke

University of Wisconsin Whitewater
Department of Geography
Whitewater, Wi. 53190
(414) 472-1071

2101.11 Preferable to rehabilitation of oiled birds, both environmentally and economically, is their removal from a spill or potential spill area and/or discouraging their entering a spill area. Harrassment techniques listed below have proven useful in localiized critical areas.

(a) Propane cannons.
(b) Aerial explosives.
(c) High-speed small boats.
(d) Helium ballons attached to booms.
(e) The flying of kites with a silhouette of a pregrine falcon.

Also effective is the use of baited areas that are free of oil and will not become polluted. The employment of harassment and baiting techniques provides an opportunity for the useful involement of large numbers of volunteers requiring maximum supervision. This opportunity should be exploited by the OSC and/or Fish and Wildlife representative.

2101.12 Funding

(a) Reference: Federal Register, Vol. 41 pages 12632-12634, 33 CFR 153.401.

(b) The pollution Fund pursuant to Section 311(k) of the FWPCA may be used for waterfowl conservation needs provided they are determined to be Phase IV response actions. Conditions for pollution fund usage are detailed in Annex IX.

2101.13 RRC Reference Documents

(a) Pollution Response Plan for Oil and Hazardous Substances. U. S. Fish and Wildlife Service U.S. Department of the Interior. Region 5, Minneapolis, MN.

(b) Pollution Response Plan for Oil and Hazardous Substances. U.S. Fish and Wildlife Service. Region 4, Atlanta, GA.

(c) Saving Oiled Seabirds. 1978 International Bird Rescue Research Center, Berkeley, CA. API.

(d) Waterfowl Rescue Plan. 1975, Area Waterfowl Preservation Committee. Gulf Coast Area. Corpus Christi, TX.

(e) Guidelines for Cleaning and Treatment of Oiled Birds, 1974 In: Oil and Hazardous Materials Contintency Plan. California Department of Fish and Game.

2101.14 Aquatic and Non-Migratory Animals. The state health and conservation departments, coordinated by the state representative on the RRT, shall coordinate wildlife preservation measures for non-migratory animals. When necessary, the closing of areas to commercial fish and shellfish harvest due to health hazards as the result of a discharge will be accomplished by the state representative.

2101.15 Public Relations. The appropriate Regional Public Affairs Officer with the U.S. Fish and Wildlife Service should assist the OSC in providing the media with timely, accurate information about the spill insofar as the information relates to protection of fish and wildlife resources and related habitats.

ANNEX XII
2200 INTERAGENCY SUPPORT ARRANGEMENTS/AGREEMENTS

REGION 5

INTERAGENCY REGULATORY LIAISON GROUP

R. McCanns
Occupational Safety and Health Administration
(312) 353-2220, (202) 523-2220

Edith Tebo
U.S. Environmental Protection Agency
(312) 353-3648 886-6674

F.R. Stanley
Food and Drug Administration
(312) 353-1041

Milt Schulz
Consumer Product Safety Commission
(312) 353-8260

R.A. Ford
US Department of Health and Human Service
(312) 353-5132/9365

ANNEX XIII
2300 STATE CONTINGENCY PLANS

INTRODUCTION

Each state within standard federal Region 5 comprises a subregional unit for purposes of contingency planning. Within the bounds of each unit, several different groups are involved in various aspects of emergency response and planning, including:

1. State and local governmental agencies
2. Federal agencies
3. Conservation organizations
4. Industrial firms, associations, and cooperatives

Many of the above groups have prepared individual contingency plans which may vary in scope from broad statewide concerns to protection of a single resource, such as a particular river basin or waterfowl habitat. Information contained in these documents and other sources pertinent to subregional contingency planning could not be included in the Region V Plan without causing it to become unwieldy in size and difficult to maintain in updated form. Consequently, this Annex has been prepared as a concise emergency contacts reference source.

Each subregional unit contains only information selected to meet the emergency needs of the OSC and RRT in the field. Other spill management information is retained in the RRC where it is organized for rapid processing of information requests from the OSC and RRT. Under this system the RRC library and files are important extensions of the Region 6 Contingency Plan.

STATE OF ILLINOIS

1.00 STATE AGENCIES

1.10 State of Illinois Spill Report Number (217)782-3637 (24hr.)
1.11 Illinois Hazardous Material Spill Contingency Plan

1.20 Illinois Environmental Proctection Agency
2200 Churchill Rd.
Springfield, IL. 62706
(217)782-5990

1.21 Air Pollution Control
(217)782-7326

1.22 Local Water Supplies
(217)782-9470

1.23 Public Affairs Information
(217)782-5562

1.24 Water Pollution Control
(217)782-1654

1.30 ILLINOIS ATTONERY GENERAL
Evironmental Control Division
188 W, Randolph St. Rm 2315
Chicago, IL. 60601
(312)793-2491

1.40 PESTICIDES INFORMATION
Illinois Department of Agriculture
State Fair Grounds
Springfield, IL. 62706
(217)782-4849

1.50 ILLINOIS DEPARTMENT OF PUBLIC HEALTH
525 W. Jefferson St.
Springfield, IL 62761
(217)782-2283

1.60 ILLINOIS SOIL & WATER CONSERVATION DISTRICTS
Route 2
Polo, IL. 61064
(815)946-2301

1.70 ILLINOIS STATE GEOLOGICAL SURVEY
Natural Resources Bldg.
Urbana, IL. 61801
(217)333-2211

STATE OF INDIANA

1.00 State Agencies

1.10 State of Indiana Spill Report Number (317)633-0144 (24Hr.)
1.11 Indiana Hazardous Material Spill Contingency Plan

1.20 INDIANA STATE BOARD OF HEALTH
1330 W. Michigan Ave.
Indianapolis, IN. 462046

1.21 Air Pollution Control
(317)633-0619

1.22 Stream Pollution Control
(317)633-0167

1.23 Local Water Supplies
(317)633-4512

1.30 INDIANA ATTORNEY GENERAL
State House Rm. 219
Indianapolis, IN. 46204
(317)633-5512

1.40 PESTICIDES
State Chemist & Seed Commissioner
Department of Biochemistry
Purdue University
West Lafayette, IN. 47807
(317) 749-2391

1.50 INDIANA DEPARTMENT OF NATURAL RESOURCES
608 State Office Bldg.
Indianapolis, IN. 46204
(317)633-4294

1.51 Division of Fish and Wildlife
(317)633-7696

1.52 Division of Water
(317)633-5267

1.60 INDIANA STATE SOIL & WATER CONSERVATION COMMISSION
Agriculture Administration Bldg.
Purdee Unversity
West Lafayette, IN. 47907
(317)749-2364

1.70 INDIANA STATE GEOLOGICAL SURVEY
611 N. Walnut Grove
Bloomington, IN. 47401
(812)337-2862

STATE OF MICHIGAN

1.00 STATE AGENCIES

1.10 State of Michigan Spill Report Number (517)373-7660 (24Hr.)
1.11 Michigan Hazardous Material Spill Contingency Plan

1.20 MICHIGAN DEPARTMENT OF NATURAL RESOURCES
Stevens T. Mason Bldg.
P.O. Box 30028
Lansing, MI. 48909
(517)373-7917

1.21 Air Quality
(517)322-1330

1.22 Enforcement
(517)373-3503

1.23 Toxic Materials Control
(517)373-9642

1.24 Water Quality
(517)373-1947

1.30 MICHIGAN ATTORNEY GENERAL
Environmental Proctection Division
760 Law Bldg.
Lansing, MI. 48902
(517)373-7780

1.40 PESTICIDES
Michigan Department Of Agriculture
Lewis Cass Bldg., 5th floor
P.O. Box 30017
Lansing, MI. 48909
(517)253-48909

1.50 MICHIGAN DEPARTMENT OF PUBLIC HEALTH
3500 N. Logan St.
P.O. Box 30035
Lansing. MI. 48909

1.60 MICHIGAN SOIL CONSERVATION DISTRICT
Augres MI. 48703
(517)876-2291

State of Minnesota

1.00 STATE AGENCIES

1.10 24 Hour Emergency Number (612)296-7373
1.11 Minnesota Hazardous Material Contingency Plan

1.20 MINNESOTA POLLUTION CONTROL AGENCY

1935 W. County Rd., B-2
Roseville, Mn. 55113
(612)296-7301

OIL AND HAZARDOUS MATERIAL SPILLS UNIT

Dick Kable	296-7235
Bob Dullinger	296-7367

1.21 WATER QUALITY

Barry Schade, Acting Director	296-7202

1.22 SURFACE AND GROUNDWATERS (damage surveys)

Marvin Hora	296-7396
Harold Wiegner	296-7396
Paul Heberling	296-7357
Willis Munson	296-7357
Joel Schilling	296-7256
John McGuire	296-7242

1.23 MAJOR WASTEWATER TREATMENT PLANT PROBLEMS

Gene Erickson	296-7207
Mike Herman (municipal)	296-7252

1.24 SOLID WASTE

Bruce Brott	297-2713
Tom Clark	297-2724

1.25 HAZARDOUS CHEMICAL DISPOSAL

Bruce Brott	297-2713

1.26 AIR QUALITY - ALL ODOR AND AIR PROBLEMS

(also permission to burn oil spills)

Gary Pulford	297-7371

1.27 ADMINISTRATION

Louis Breimjurst, Executive Director	296-7301
Lovell Richie, Senior Executive Officer	296-7339
Gail Gendler, Public Information Officer	296-7283
Bob Hamilton, Regional Coordinator	296-7711

1.28 RADIOLOGICAL INCIDENTS

JacK Ferman	296-7287

1.29

MINNESOTA POLLUTION CONTROL AGENCY REGIONAL OFFICES

METRO (Roseville)

Counties:

Anoka
Carver
Dakota
Hennepin
Ramsey
Scott
Washington

Spills Unit:

Dick Kable	296-7235
Robert Dullinger	296-7367

24-hour Emergency Alert System
296-7373
Roseville, Minnesota 55113

Region I (Duluth)

Counties:

Aitkin
Carlton
Cook
Itasca
Koochiching
Lake
St. Louis

John Pegors, Regional Director
Bill Sachleben, Reg. Specialist
Tim Musick, Reg. Specialist
1015 Torrey Building
Duluth, Minnesota 55802
218/723-4660
Tie Line: 8-101-4660

Region II (Brainerd)

Counties:

Benton
Cass
Chisago
Crow Wing
Isanti
Kanabec
Mille Lacs
Morrison
Pine
Sherburne
Stearns
Todd
Wadena
Wright

Larry Shaw, Regional Director
Don Adams, Reg. Specialist
Stan Kalinoski, Reg. Specialist
304 East River Road
Brainerd, Minnesota 56401
218/828-2492
Tie Line: 8-111-2492

Region III (Detroit Lakes)

Counties:

Becker
Beltrami
Clay
Clearwater
Douglas
Grant
Hubbard
Kittson
Lake of the Woods
Mahnomen
Marshall
Norman
Otter Tail
Pennington
Polk
Pope
Red Lake
Roseau
Stevens
Traverse
Wilkin

Willis Mattison, Regional Director
Larry Olson, Reg. Specialist
116 East Front Street
Detroit Lakes, Minnesota 56501
218/847-2164
Tie Line: 8-175-76

Region IV (Marshall)

Counties:

Big Stone
Chippewa
Cottonwood
Jackson
Kandiyohi
Lac Qui Parle
Lincoln
Lyon
McLeod
Meeker
Murray
Nobles
Pipestone
Redwood
Renville
Rock
Swift
Yellow Medicine

Larry Johnson, Regional Director
Hank Steffen, Reg. Specialist
Mark Oemichen, Reg. Specialist
Cline Pharmacy Building
Marshall, Minnesota 56258
507/537-7146

Region V (Rochester)

Counties:

Brown
Blue Earth
Dodge
Faribault
Fillmore
Freeborn
Goodhue
Houston
LeSueur
Martin
Mower
Nicollet
Olmstead
Rice
Sibley
Steele
Wabasha
Waseca
Watonwan
Winona

Larry Landherr, Regional Director
Dave Read, Reg. Specialist
Don Abrams, Reg. Specialist
821 Third Avenue Southeast
Suite 65, Kings Row Building
Rochester, Minnesota 55901
507/285-7343
Tie Line: 8-103-7343

Ed Fairbanks - Leech Lake, including Leech Lake Reservation and White Earth and Red Lake Reservations. Head, Reservation Fish and Game Department.	218/335-6175

MINNESOTA STATE OFFICES

1.30 Minnesota Department of Natural Resources

Environmental Section - Ecological Services	612/296-2835
Howard Krosch	612/296-0778
Dave Zappetillo	612/296-0782

When appropriate inform:

1.40 Division of Emergency Services

24-hours	612/778-0800

1.50 State Fire Marshal

Dick Holmes	612/296-7641
after hours - Division of Emergency Services	612/778-0800

1.60 Minnesota Department of Health

All significant spills of hazardous materials:

Russell E. Frazier	612/296-5300

1.70 Minnesota Department of Agriculture

Michael Fresvik	612/296-8547
Ross Grotbeck	612/296-8309
Steve Rogosheske	612/296-3016
Pete Lonergan	612/297-2419

METROPOLITAN OFFICE

2.00	Minneapolis	
2.10	Metropolitan Waste Control Commission (Mississippi River spills, Minnesota River spills into sewer, Metro area)	
..11	Industrial Waste Section during office hours call:	
2.12	Leo Hermes	
	Don Madore	612/771-8845
		612/222-8423
2.13	Seneca Plant (Ray Idla)	ext. 222
	(If problem is within either Minneapolis or St. Paul)	612/454-7860
	24-hour number	
		612/771-8845
2.20	Minneapolis Sewer Department	
2.21	Chris Shaffer	
	(After hours call Water Department	612/729-7425
	or Street Department Dispatcher)	612/348-2737
		612/348-2487
2.30	Minneapolis Fire Department Dispatcher	
	24-hours	
		612/348-2345
2.40	Minneapolis Pollution Control	
	Glen Kiecker	
		612/348-7897 7827
2.50	St. Paul Public Works or St. Paul Sewer Maintenance	
	Scott Gilbertson	
	Don Nygard	612/298-4321
	Richard Hunt	612/298-4241
	Erv VanReese	612/488-4241
	Night Clerk, after hours	612/488-4774
		612/488-2323
2.60	St. Paul Fire Department	
	Dispatcher, 24 hours	
	Fire Prevention Bureau	612/224-7374
		612/224-7811
2.70	Metropolitan Airports Commission Fire Department	
	Vincent Chevaler	
		612/726-1300

STATE OF OHIO

1.00 STATE AGENCIES

1.10 State of Ohio Spill Report Number (800)282-0270 (24Hr)
1.11 Ohio Hazardous Material Spill Contingency Plan

1.20 OHIO ENVIRONMENTAL PROCTECTION AGENCY
361 E. Broad St.
Columbus, OH. 43215
(614)466-8565

1.21 Air Pollution
(614)466-6116

1.22 Public Water Supplies
(614)466-8307

1.23 Public Information Office
(614)466-4331

1.24 District Office
Central District Office
P.O. Box 1049
Columbus, OH. 43216
(614)466-6450

Northeast District Office
2110 E. Aurara Rd.
Twinsburg, OH. 44807
(216)425-9171

Northwest District Office
1035 Devlac Grove Dr.
Bowling Green, OH. 43402
(419)352-8461

Southwest District Office
7 E. 4th St.
Dayton, OH. 45204
(513)481-4870

Southeast District Office
2195 Front St.
Logan, OH. 43138
(614)385-8501

1.30 OHIO ATTORNEY GENERAL
Environmental Law Section
30 E. Broad 17th Floor
Columbus, OH. 43215
(614)466-2766

1.40 PESTICIDES
Ohio Department Of Agriculture
65 S. Front Street
Columbus, OH. 43215

(614)942-2732

1.50 OHIO BIOGICAL SURVEY
484 W. 12th Ave
Columbus, OH. 43210
(614)422-9645

1.60 OHIO DEPARTMENT OF NATURAL RESOURCES
Fountain Square Bldg. 03
Columbus, OH. 43224
(614)466-7170

STATE OF WISCONSIN

1.00 State Agencies

1.10 State of Wisconsin Spill Report Number (608) 266-3232

1.11 Wisconsin Hazardous Materials Spill Contingency Plan.

1.20 WISCONSIN DEPARTMENT OF NATIONAL RESOURCES
P.O. Box 7921
Madison, Wis. 53707
(608) 266-2621

1.21 Air Management
(608) 266-2111

1.23 Water Planning
(608) 266-9258

1.24 Water Quality
(608) 266-3221

1.25 DNR District Offices
Lake Michigan District
812 S. Fisk St.
P.O. Box 3600
Green Bay, WI 54303
414-497-4040

North Central District
P.O. Box 818
Rhinelander, WI 54501
715-362-7616

Northwest District
P.O. Box 309
Spooner, WI 59801
715-635-2101

Southern District
Rock River Task Force
Route 3, Wakanda Dr.
Wakanda, WI 53597
608-266-2628

Southeast District
9722 Watertown Plank Rd.
P.O. Box 13248
Milwaukee, WI 53226

West Central
1300 W. Clairemont Ave.
Eau Claire, WI 54701
715-836-2821

1.30 WISCONSIN ATTORNEY GENERAL
Department of Justice
114 E. State Capital
Madison, WI 53702
608-266-1221

1.40 Pesticides
Department of Agriculture
801 W. Badger Rd.
Madison, WI 53713
608-366-7100

1.50 DEPARTMENT OF TRANSPORTATION
4802 Sheyboygan Ave. R.103-B
Madison, WI 53702
608-266-3581

1.60 WISCONSIN DIVISION OF EMERGENCY
Government
4802 Sheyboygan Ave.
Madison, WI 53702
608-266-3232

1.70 WISCONSIN GEOLOGICAL & NATURAL HISTORY SURVEY
1815 University Ave.
Madison, WI 53706
608-262-1705

ANNEX XIV
2400 MULTINATIONAL CONTINGENCY PLANS

2401 Joint Canada - United States Marine Pollution Contingency Plan

2401.1 This Annex contains a concise emergency reference source and not the entire plan.

DIRECTORY

U.S. Members Joint Response Team

Agency	Name & Address	Office Phone #	Off Duty Phone
USCG	National Response Center G-WEP 6/73 Washington D.C.	202-426-1830 800-424-8802	
USCG	USCG 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983 3984	
USCG	Capt. H.F. Norton CCGD9 Marine Safety 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983	216-522-3983
USCG	LCDR. A.L. Ruedisueli CCGD9 (mep) 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983	216-522-3983
USCG	M.L. Stephens CCGD9 (mps) 1240 E. 9th St. Cleveland, OH. 44199	216-522-3983	216-522-3983
USEPA	Vacant USEPA Region V 536 South Clark Street Chicago, IL. 60605	312-353-2318	312-353-2318
US CORPS OF ENGINEERS	Bernard Bochantean 536 S. Clark St. Chicago, IL. 60605	312-886-5451	815-568-7544
US CORPS OF ENGINEERS	Carl Cable 536 S. Clark St. Chicago, IL. 60605	312-353-6372	312-357-4529
US DEPT HEALTH & Human Services	Robert Ford 300 S. Wacker Dr. Chicago, IL. 60606	312-353-5132 9365	312-639-6476

Directory

U.S. PRE-DESIGNATED ON -SCENE COORDINATOR

Agency	Name & Address	Office Phone #	Off Duty Phone #
USCG	D. C. Munia COTP Buffalo 111 W. Huron St. Buffalo, Ny 14202	716-846-4168	716-846-4151
USCG	Capt. R. Pickup COTP Cleveland 1055 E. 9th St. Cleveland, Oh 44114	216-522-4404 4405	216-522-4405 4412 3983
USCG	CDR K. F. Wassenberg COTP Detroit Patrick McNamera Bldg. Romm 550 477 Michigan Ave Detroit, Mi 48226	313-226-7777	313-226-7777
USCG	CDR R. Roznoski COTP Duluth Canal Park Duluth, MN 55802	218-727-6692 4860 ex 286	218-727-4860 8886
USCG	CDF J. P. Foley COTP Toledo Romm 501, Federal Bldg. Toledo, Oh 43604	419-259-6372 7558	419-254-6448
USCG	Capt. J. Wabbold COTP SOO Sault STE. Marie, MI 49783	906-635-5495	906-635-5241

DIRECTORY

Canadian Members Joint Response Team

Agency	Name & Address	Office Phone #	Off Duty Phone #
Ministry of Transport	CAPT. M.S. Greenham Chief Canadian COAST GUARD Transport Canada Bldg. Tower 'A' 12th floor Place de Ville Ottawa Ontario K1A 0N7	613-992-9210 9743	613-824-3810
Ministry of Transport	Mr. Stewart Canadian Coast Guard Central Region Transport Canada 1 Yonge St, 20th Floor Toronto Star Bldg. Toronto, Ontario M5E 1E5	416-369-3635	
Ministry of Transport	Mr. N. Vanderkooy Regional Manager Operation Canadian Coast Guard Central Region Transport Canada 1 Yonge St. 20th Floor Toronto Star Bldg. Toronto, Ontatio M5E 1E5	416-369-2283	416-459-8610
Department of Environment	DR. R.W. Slatter, Director EPS Ontario Region 25 St. Clair Ave W. Toronto, Ontario M14 1M2	416-966-5840	416-966-6409
Department of Environment	MR. N. Vanderkooy Coordinator Environment Emergency Branch EPS Ontario Region 135 St. Clair Ave. W. Toronto Ontario M4V 1P5	416-966-5840	

DIRECTORY

Canadian Members Joint Response Team (cont'd)

Agency	Name & Address	Office Phone #	Off Duty Phone #
Ministry of Environment	Dr. H. Parrott Contingency Plan Section Pollution Control Branch 135 St Clair Ave. W. Toronto, Ontario M4V 1P5	416-965-1611 2537	
Ministry of Environment	MR. P.G. Belling Contingency Planning Officer Pollution Control Branch 135 St. Clair Ave W. Toronto Ontario M4V 1P5	416-965-3237 2537	416-459-1169
Ministry of Natural Resources	MR. B.B. Benson Richmond Hill Toronto, Ontario 4C 3C9	416-884-9203	
Department of National Defense	Major J. Hasek Senior Staff Officer Central Region operations Staff Canadian Forces Training Systems HQ Detachment M3K 1Y6	416-633-6200 EXT.518	416-633-6200 EXT. 518
Department of National Defense	Capt. J. Rosell Staff Officer Central Region Operations Staff Canadian Forces Training System Downsview, Ontario M3K 1Y6	416-633-6200 EXT.524	

DIRECTORY

Candaian Members Joint Response Team (cont'd)

Agency	Name & Address	Office Phone #	Off Duty Phone #
Ministry of Health	Mr. B. L. Miranda Chief Public Health Engineer Public Health Branch Ontario Ministry of Health 15 Overlea Blvd. 5th Floor Toronto Ontario	416-956-7678	416-291-5800

CANADIAN PRE-DESIGNATED ON -SCENE COMANDERS

Agency	Name & Address	Office Phone #	Off Duty Phone #
Canadian Coast Guard	Mr. J.K. Rose District Manger Prescott Marine Agency	613-925-2865	613-925-5357
"	Capt. J. Bennett Amherstrong Marine Sub-Agency	519-736-5075	519-736-2509
"	Mr. J.D. Kennedy District Manager Parry Sound Marine Agency	705-746-2196	705-746-5579
"	Mr. G.E. Stieh Thunder Bay Marine Coast Guard Sub-Base Transport Canada	807-345-6311	807-344-5315
"	E.P. Wharton Base Manager Kenora	807-468-7242	807-543-2478
"	Mr. J. Mytz District Sub-Manager Selkirk Sub-Base	204-482-3016	204-482-2603

Canadian Coast Guard	Guard Traffic Center Toronto, Ontario	416-369-3058 416-369-3907

Annex XV

2500 Regional Data Base

2501 A list of spill cleanup contractors has been developed for Region 5. The list contains information concerning.

1) cleanup equipment
2) response time
3) manpower
4) cleanup capabilities
5) response area

The booklet containing this information can be obtained by contacting the chairman, Regional Response Team, EPA Region V, 536 S. Clark Street, Chicago, Illinois 60605.

ANNEX XVI

2600 U.S. Environmental Protection Agency
Region V
Multiprogram Contingency Plan

2601 Multiprogram Regional Contingency Plan

2601.1 The purpose of the Multiprogram Regional Contingency Plan is to provide parallel procedures to the "Regional Oil and Hazardous Substances Pollution Contingency Plan, Region V Inland". It provides for a pattern of coordinated and integrated response by the Regional Office to protect the environment from the damaging effects of pollution discharges and emmissions.

The Plan provides for:

1) Establishment of a centralized response operation
2) Notification procedures
3) Procedures for declaration of emergencies
4) Publication of "call list" of responsible authorities
5) Assignment of responsibilities
6) Implementation of the toxics coordination role envisioned by enactment of the Toxic Substances Control Act of 1976.

This Annex contains a concise emergency reference source and not the entire Plan.

ATTACHMENT #1

MULTI-PROGRAM CONTINGENCY PLAN CALL LIST

PROGRAM	OFFICE	OFF-DUTY
OIL & HAZARDOUS MATERIAL		
Refer to Region V Oil and Hazardous Material Contingency Plan		
TOXIC AND NON 311 HAZARDOUS SUBSTANCES		
Karl Bremer	353-2291	(312) 382-1251
Paul Meriage		653-3063
Sheldon Simon		747-0235
PESTICIDES		
Dr. Mitchell Wrich	353-2192	(312) 885-2403
George Marsh		956-1089
Carl Erickson		537-3347
HAZARDOUS WASTE SITE INVESTIGATIONS		
P. Reed	886-6223	(312) 837-4370
E. Mortenson	886-6221	842-5177
R. Boice	886-6220	649-1187
AIR EMISSIONS		
Gerald Regan	353-2306	(312) 963-0695
Lucien Torrez	886-6629	355-6029
Charles Miller	886-6624	865-1471
RADIATION		
Peter Tedeschi	353-2654	(312) 544-7938
Larry Jensen	886-6175	275-0760
WATER SUPPLY		
J. F. Harrison	353-2151	(312) 729-2429

ENFORCEMENT

Eileen Bloom	353-2094	(312) 328-9279

OFFICE OF INTERGOVERNMENTAL AND EXTERNAL PROGRAMS

Nancy Philippi	353-3299	(312) 866-7492
Mary Ellne Lynch	2072	471-2138
Cathy Brown	2072	

ATTACHMENT #2

STATE TOXIC SUBSTANCES COORDINATORS

	OFFICE		
	FTS	COMMERCIAL	24 HR. NUMBER
Don Day State of Ohio Environmental Protection Agency Box 1049 361 East Broad Street Columbus, Ohio 43216	8/942-8934	(Main Switchboard) 614/466-8566 (Day's) 466-8934	1/800/282-9378
Barry Schade, Director Division of Water Quality Minnesota Pollution Control Agency 1935 West County Road B2 Roseville, Minnesota 55113	612/296-7202	612/296-7735 Rich Ferguson Ground Water Section	612/296-7373
Stanton Kleinert, Chief Pretreatment & Fees Wisconsin Department of Natural Resources Madison, Wisconsin 53707	8/366-7721	608/266-7721	8/366-3232 608/266-3232
Michael Mauzy, Director Illinois Environmental Protection Agency 2200 Churchill Road Springfield, Illinois 62706		217/782-3397	
Richard Powers, Office Director Office of Toxic Material Control Michigan Department of Natural Resources Stevens T. Mason Building Post Office Box 30028 Lansing, Michigan		(Main Switchboard) 517/374-9640 517/373-6794	PEAS#1/800-292-4706
Larry Kane, Chief Permits and Approvals Enforcement & Operations Branch Division of Water Pollution Control Indiana Board of Health 1330 West Michigan Avenue Indianapolis, Indiana 46202	N/A (Kane's #)	317/622-0790 317/633-0761	317/633-0144

ATTACHMENT #3

REGIONAL TOXIC SUBSTANCES COORDIANTORS

	OFFICE		
REGION I	FTS	COMMERCIAL	24 HR. NUMBER
Paul Heffernan Regional Toxic Substances Coordinator U.S. Environmental Protection Agency John Fitzgerald Kennedy Building Boston, Massachusetts 02003	8/223-5126	617/223-0585/0586	(617/861-6700) (Lexington, Lab)
REGION II			
Fred Rubel, Chief Emergency Response and Hazardous Materials Inspection Branch U.S. Environmental Protection Agency Edison, New Jersey 08817	8/340-6658	201/321/6658	201/548-8730
REGION III			
Charles Sapp Regional Toxic Substances Coordinator U.S. Environmental Protection Agency 6th & Walnut Streets Phildelphi , Pennsylvania 19106	8/597-4058	215/597-4058	215/597-9898
EGION IV			
Ralph Jennings, Chief (Toxic Coordination & Compliance Section) Regional Toxic Substances Branch U.S. Environmental Protection Agency 345 Courtland Street NE Atlanta, Georgia 30308	8/257-3864	404/881-3864 404/881/3454	1/800-241-1754 (Hot Line)
REGION V			
Karl E. Bremer Regional Toxic Substances Coordiantor U.S. Environmental Protection Agency Air and Hazardous Materials Division 230 South Dearborn Street Chicago, Illinois 60604	8/353-2291	312/353-2291	312/353-2318

	OFFICE		
REGION VI	FTS	COMMERCIAL	24 HR. NUMBER
Norman Dyer Regional Toxic Substances Coordinator U.S. Environmental Protection Agency First International Building 1201 Elm Street Dallas, Texas 75720	8/729-2735	214/767-2734	214/767-2720
REGION VII			
Wolfgang Brandner Regional Toxic Substances Coordinator U.S. Environmental Protection Agency 1735 Baltimore Kansas City, Missouri 64108	8/758-3036 or 6538	816/374-6538 816/374-3036	816/374-3778
REGION VIII			
* Dept. is in the process of changing things around - # could be different next month.			
Lou Johnson, Chief Toxic Substances Branch (8AH-TS) U.S. Environmental Protection Agency 1860 Lincoln Street Denver, Colorado 80295	8/327-3926	303/837-3926	303/837-3880 EF for Haz. Mat. & Oil Spills
REGION IX			
Robert Kuykendal Regional Toxic Substances Coordinator Pesticide Branch U.S. Environmental Protection Agency 100 California Street San Francisco, California	8/556-3352	415/556-3352	415/567-6476
REGION X			
Jim Everts Regional Toxic Substances Coordinator U.S. Environmental Protection Agency 1200 6th Avenue Seattle, Washington 98101	8/399-1090	206/399-1090	

ATTCHMENT #4

HEADQUARTERS CONTACTS FOR TOXIC SUBSTANCES EMERGENCY INCIDENTS

	OFFICE		
	FTS	COMMERCIAL	24 HR. NUMBER
Brenda Greene Office of Regional Operations	8/755-0444	202/755-0444 202/755-0507	
Intergovernmental Operations - Alan Magazine		202/755-0914	
John Seitz - Branch Chief of Compliance Enforcement Office of Toxic Substances		202/755/1212	202/426-2675
Terrell Hunt, Branch Chief Enforcement Toxic Substances Branch of Pesticide and Toxic Substances Enforcement Division	8/755-9406	202/755-1212	
Office of Legislation Congressional Affairs Division	8/755-0490	202/755-0490	

ATTACHMENT #5

DISPOSAL ASSISTANCE DIRECTORY
(SOLID/HAZARDOUS WASTES)

	OFFICE		
ILLINOIS	FTS	COMMERCIAL	24 HR. NUMBER
Mike Miller, Manager Hazardous Wastes Illinois EPA Division of Lan Pollution Ctonrol	8/956-6760	217-782-6760	217-782-3637
INDIANA			
David Lamm, Supervisor Sanitary Engineering Indiana State Board of Health Solid Waste Management Section		317/633-0176	317-633-0144
MICHIGAN			
Fred Kellow, Chief Resource Recovery Division - Solids Michigan DNR	8/322-1315	517/322-1315	517-373-7660
Robert Courchaine, Chief Water Quality Division - Liquids Michigan DNR	8/253-1947	517/373-1947	517-373-7660
MINNESOTA			
Dale Wikre, Director Solid Waste Division Minnesota PCA 1843 W. County Rd. C Roseville, Minnesota		612/297-2735	612/296-7373
OHIO			
Don Day, Chief Office of Lan Pollution Control Ohio EPA	8/942-8934	614/466/8934	800/282-0270
WISCONSIN			
Bob Krill, Director Bureau of Solid Waste Wisconsin DNR 101 S. Webster Madison, Wsiconsin 53703		608/266-2111	608/266-3232

ATTACHMENT #6

DISPOSAL ASSISTANCE DIRECTORY
(RADIATION)

	OFFICE		
	FTS	COMMERCIAL	24 HR. NUMBER
ILLINOIS			
Maury Neuweg, Chief Division of Radiological Health Illinois Department of Public Health 525 West Jefferson Street Springfield, Illinois 62761	8/956-2283	217/782-2283	217/782-3637
Mr. Gary N. Wright, Chief Division of Nuclear Safety Illinois Department of Public Health 525 West Jefferson Street Springfield, Illinois 62761		217/782-2283	217/782-3637
INDIANA			
Mr. Hal S. Stocks, Chief Division of Radiological Health Indiana State Board of Health 1330 West Michigan Street Indianapolis, Indiana 46206		317/633-6340	317/633-0144
MICHIGAN			
Mr. D. E. VanFarowe, P.E., Chief Division of Radiological Health Michigan Department of Public Health 3500 North Logan Street Post Office Box 30035 Lansing, Michigan 48909	8/253-1410	517/373-1410	517/373-7660
MINNESOTA			
Ms. Alic Dolezal, Chief Section of Radiation Control Department of Health 717 Delaware Street, S.E. Minneapolis, Minnesota 55440	8/776-5323	612/296-5323	612/890-7782/296-737 Home Division of Emergency Services

	OFFICE		
OHIO	FTS	COMMERCIAL	24 HR. NUMBER
Mr. James Wynd, Engineer-in-Charge Radiological Health Unit Ohio Department of Health 246 North High Street Columbus, Ohio 43215 (Health Effects and Routine Inquiries)		614/466-8873	612/837-2349
Adjutant General 2825 West Granville Street Worthington, Ohio 43085 (Radiation Problem Situations)		614/889-7157	614/837-2349
WISCONSIN			
Mr. Lawrence J. McDonnel, Chief Section of Radiation Protection Wisconsin Department of Health and Social Services 1 West Wilson Street Madison, Wisconsin 53701	8/366-1791	608/266-7464	608/266-3232
DEPARTMENT OF ENERGY			
Regional Coordinating Office for Radiological Assistance Chicago Operations Office 9700 South Cass Avenue Argonne, Illinois 60439	8/972-2000	312/972-2000	312/972-2000

Annex XVII
2700 Region V Spill Response Equipment

2701 The Regional Response Center Equipment Inventory

2701.1 The Regional Response Center relies on contractors to respond even to the initial steps of containg a spill. Thus the equipment that is kept by the Regional Response Center is limited to safety, communication and monitoring equipment. A reference library that includes the U.S.C.G. maps, is complimented by the Oil & Hazardous Materials Technical Assistance Data System (OHMTADS) terminal. The Terminal is also accessable to the Chemical Information System (CIS) as a whole.

2701.2 Equipment Inventory

The following equipment is available for use by governemnt personnel:

Respirators
10-SCBA MSA Model 401
5-SCBA Scott Airpack
1-SCBA Survive Air
14-Robert Shaw 5-minute escape packs

Assorted replacement parts including extra face pieces

6-MSA compressed air cylinders
24-MSA Ultra Twin full face masks
6-Acme full face masks
Assorted cartridges
Assorted half-face masks

Detectors

2-Draeger tube pumps Model 31
2-Tritectors
6-MSA Detection Tube Pump Kit
3-HNU Photo Ionization Detectors
5-MSA Combustable Gas Detectors
3-Radiation Survey Meters with probes
3-Geiger Counters and Probes
3-Sentox Portable Gas Detectors with alarm

1	IR Gas Dector
1	Metal Dector

Assorted Equipment

1	Hatcah Equipment
2	Emergency Eye Wash
1	Compressed Air Powered bung opener
1	Remote Barrel opener
3	Soil Test Kits
2	MSA Safety Belts
6	MSA Safety Harness
3	Well Sounders
15	Motorola 2 Way Radios

2702 Emergency Response Vehicle Equipment List — Eastern District Office

SAFETY

Scott Air Pack (pressure demand)
  2 spare tanks
MSA gas masks
Safety rope and harness
12- Hard hats
2- Flashlights
Binoculars
Disposable gloves
Safety glasses
Face shield
Ear protection
12- Fire extinguishers
First aid kit
Flares

EQUIPMENT

Containment boom - 2-25' sections
Boots
Sample bottles
Sorbant
Drager Multi Gas Detector w/tubes
Dye
MSA Explosometer
Overalls
Rain Gear
pH paper
Tools
Camera

COMMUNICATIONS

Beeper
Mobile phone
CB radio
AM radio

REFERENCE BOOKS

- Contingency Palns (National/Regional)
- Chris Manuals (USCG)
- Dangerous Properties of Industrial Materials by Sax
- Guide on Hazardous Materials by NFPA
- The Condensed Chemical Dictionary by Hewley

EMERGENCY RESPONSE PICK UP TRUCK INVENTORY

BACK SEAT

- State county maps
- Hat, hard hat
- Gloves, coveralls
- Lantern, Flashlight
- First aid kits
- Warning triangles
- Hatchet, machete
- Binoculars
- Camera, film
- Drager tubes
- pH paper
- Dye tablets
- Electrical, masking tape
- Oil sorbent
- Starting fluid
- Slick depth measurer

BACK

- Pick, shovel
- Ropes
- Rain gear
- Air pack & 2 spare tanks
- Sorbent boom, pads
- Siphon dam pipes
- Fire extinguisher
- Explosimeter
- Sample jars
- Hip boots
- Knee boots
- Disposable gloves
- Rubber gloves
- Respirator
- Drager stroke counter
- Pliers/cutters
- Mini crowbar

2703 Detroit Michigan Office Spill Response Equipment

1	Scott Airpack
2	Survivair
1	Explosion meter
1	Truck response vehicle sampling gear, tools, plastic piping
1	Safety harness
1	Explosion proof flashlight
1	Gas mask with face shield
2	Nomex coveralls
1	50' Acme boom with 6" skirt

NATIONAL RESPONSE TEAM

Attendance October 23, 1980

Dept/Agency	Name	Telephone
CEQ	Bryan Baas	395-5780
EPA	H. D. Van Cleave	245-3045
	David Weitzman	755-4390
	Karen Burgen	426-8990
	T. J. Charlton	245-3045
	R. E. Hess	426-9571
	Rod Turpin	
DOT/USCG	CAPT. C. Corbett	426-2010
	CDR R. Rufe, Jr.	426-9568
	CDR A. Umberger	
	LT M. Tobbe	
	LT J. Spitzer	
	LTJG K. McGonagle	
	LTJG R. Gaudiosi	
	LTJG D. Zelazney	
	ENS P. Logan	
	ENS J. Gift	
	CWO T. Jozwair	
	CAPT Rahman	
	W. J. Burnes	
	David A. Bourdon	472-2428
Interior	Columbus Brown	343-5452
Defense	Bill Walker	697-7403
	LCDR Mike Armintrout	695-1150
Commerce	Marvin B. Rubin	377-2652
	Judith Roales	443-8906
Agriculture	Peter F. Smith	447-7828
HHS	Peter J. Cifala	443-1240
	Dr. W. Mattersdorf	472-3811
Energy	L. J. Deal	353-4093
FEMA	Nathan S. Ray	396-5583
Labor	Thomas A. Towers	523-7272
	Richard J. Peppin	376-2001
State	Peter Bernhardt	632-4970
	Robert Monks	632-4970
NTSB	Walter S. Miguez	472-6124
Other		
Ecology Environmental Inc.	Gerard Gallegher	
Vanderbilt Univ. Medical School	Dr. Raymond Harbison	

A copy of the National Contingency Plan, dated March 19, 1980 may be obtained upon request.